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Alan G. Spoon

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Smithsonian Campaign

2010 – 2017

April 8, 2018

1851

ICONOGRAPHIC

ENCYCLOPÆDIA

OF
SCIENCE, LITERATURE, AND ART.

BY
J. G. HECK.

THE TEXT TRANSLATED AND EDITED

BY
SPENCER F. BAIRD, A.M., M.D.,
PROFESSOR OF NATURAL SCIENCES IN DICKINSON COLLEGE, CARLISLE, PA.

PLATES.

VOL. II.

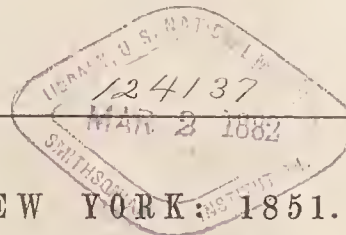
CONTAINING THE ILLUSTRATIONS TO DIVISIONS V.—X.

V.—MILITARY SCIENCES.
VI.—NAVAL SCIENCES.
VII.—ARCHITECTURE.

VIII.—MYTHOLOGY.
IX.—FINE ARTS.
X.—TECHNOLOGY.

NEW YORK: 1851.

PUBLISHED BY RUDOLPH GARRIGUE,
2 BARCLAY STREET (ASTOR HOUSE).



Q33
H448
E1851
Plates
v. 2

ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION V.

MILITARY SCIENCES.

FIFTY-ONE PLATES.

THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. III. OF THE TEXT.

THE PLATES ARE NUMBERED V. 1—51.

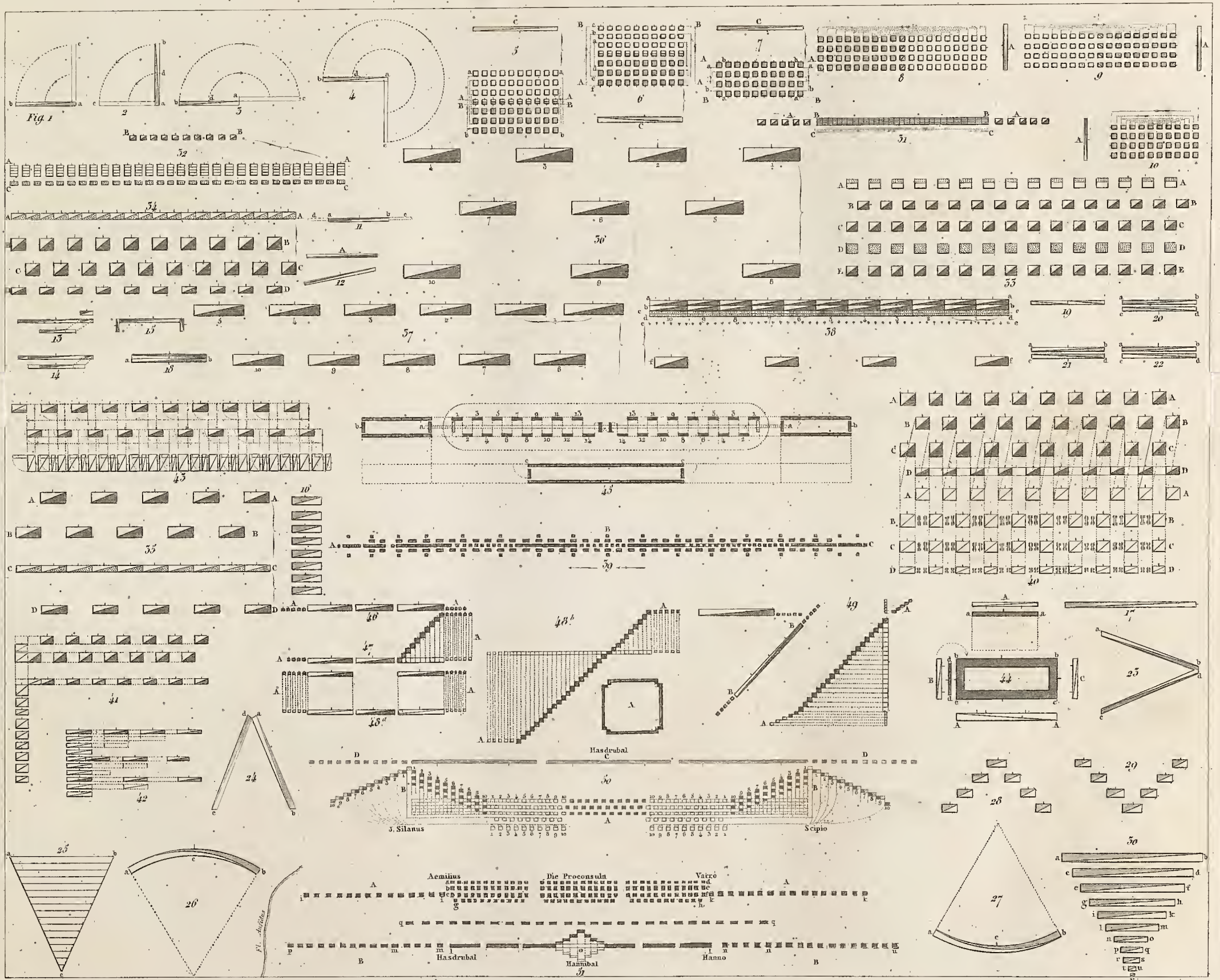
NEW YORK: 1851.

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2 BARCLAY STREET (ASTOR HOUSE).





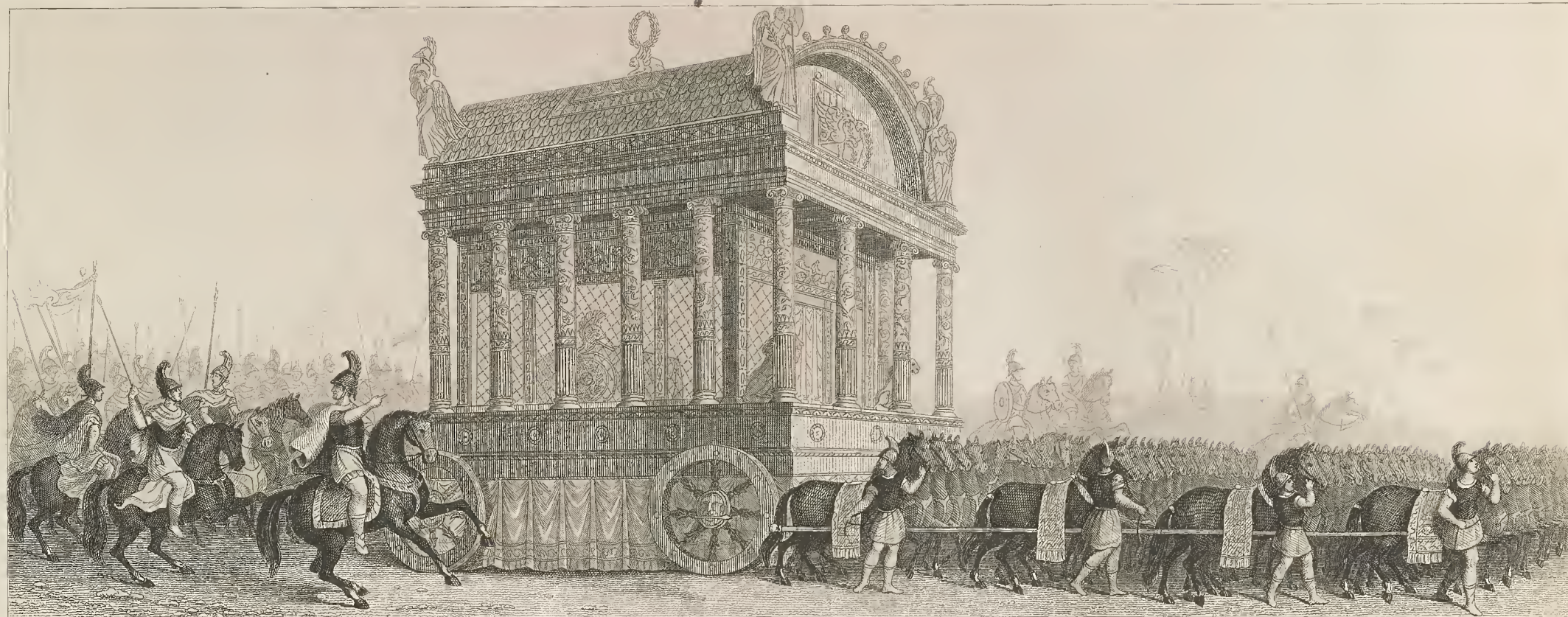






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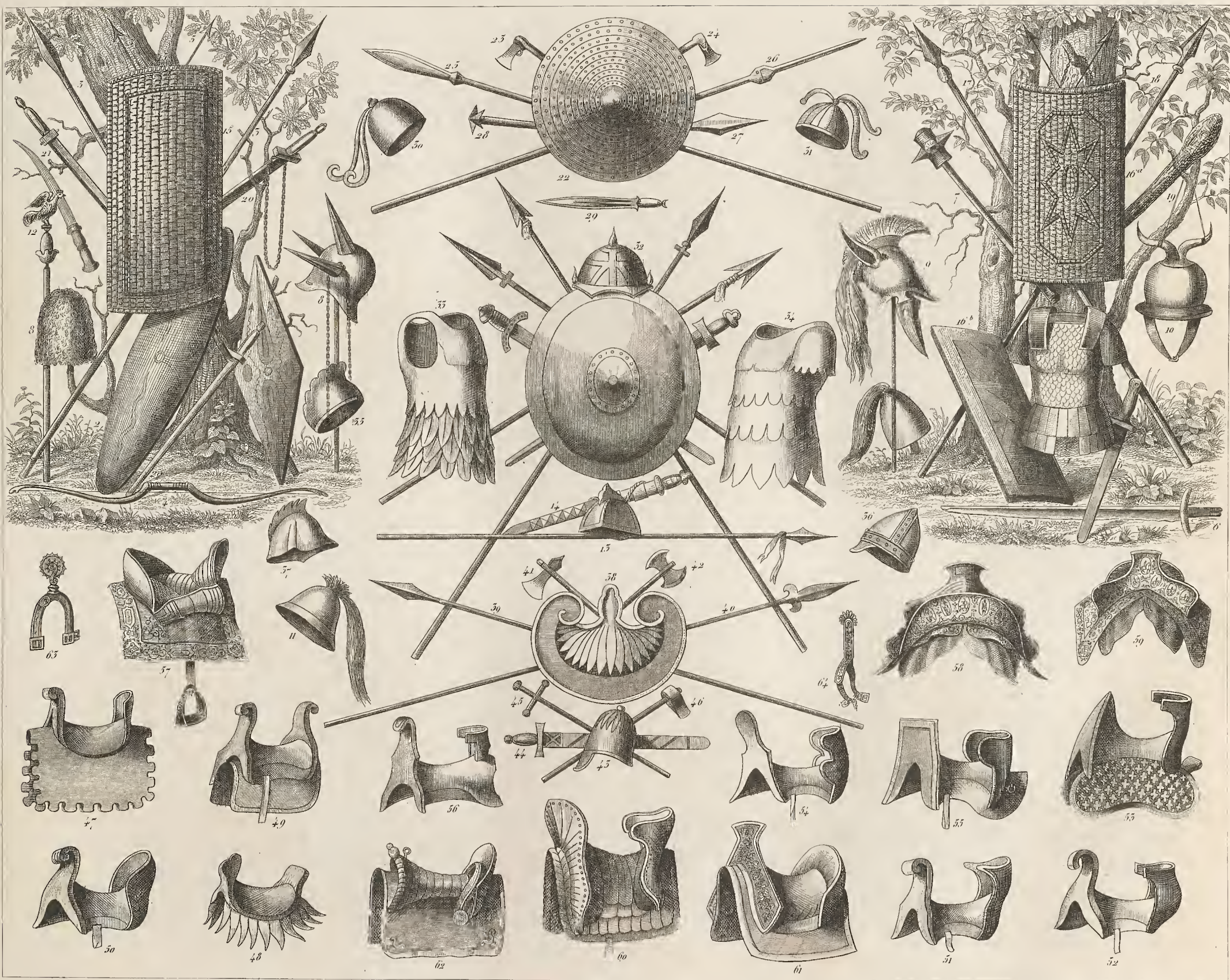
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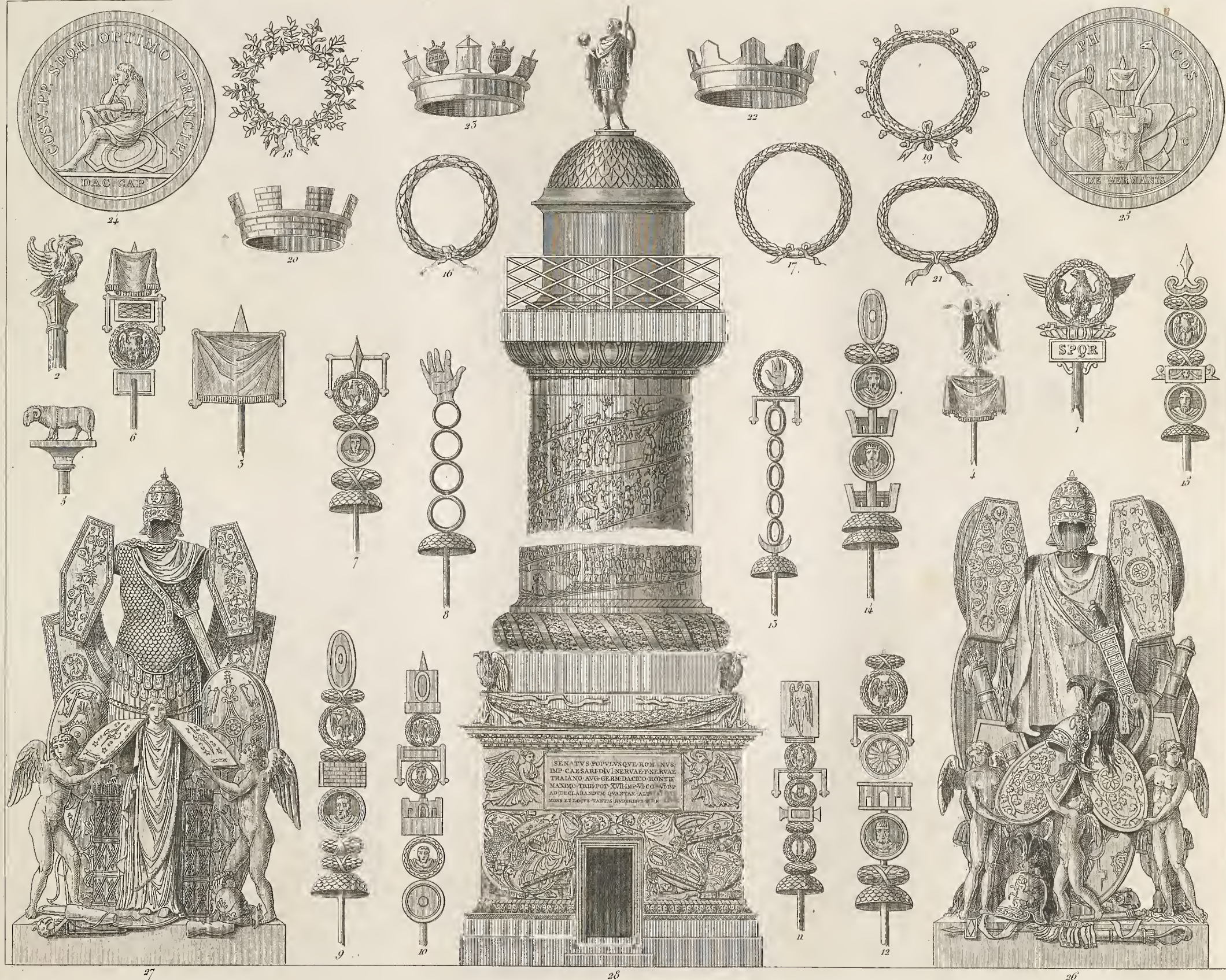


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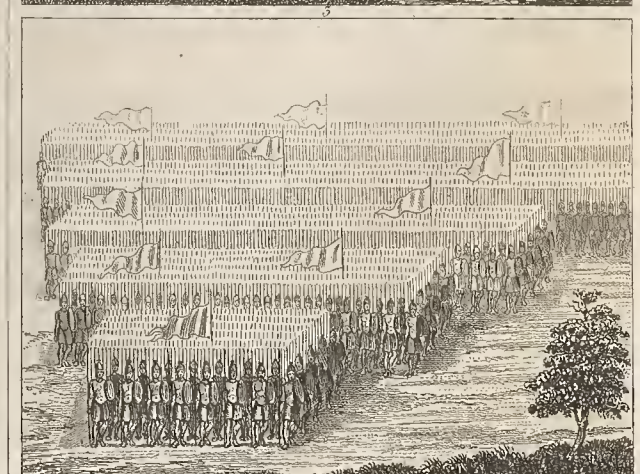
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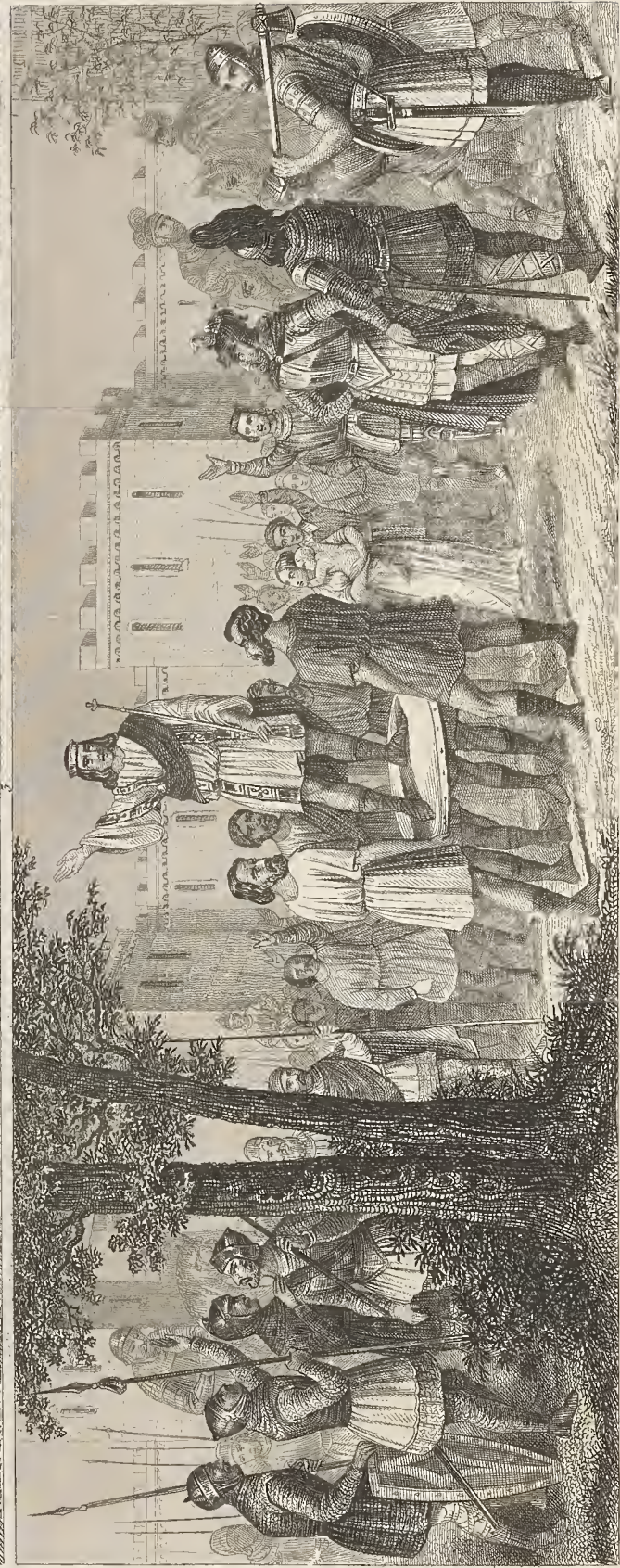
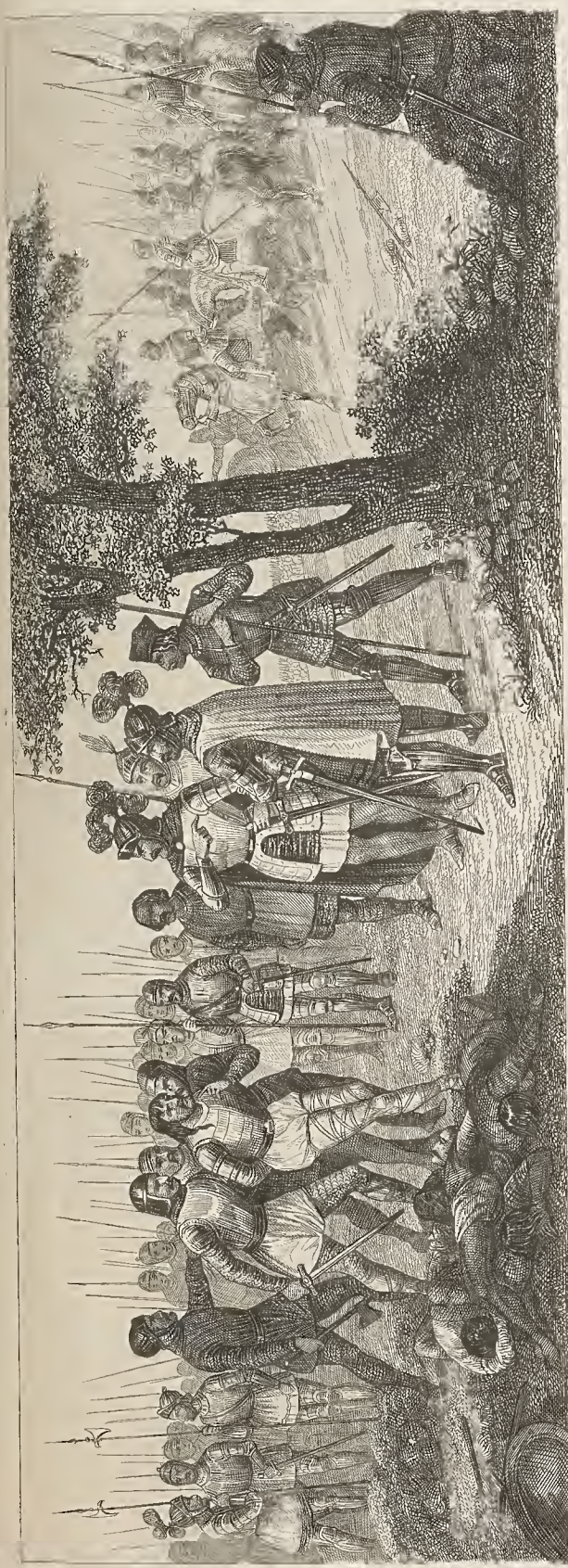
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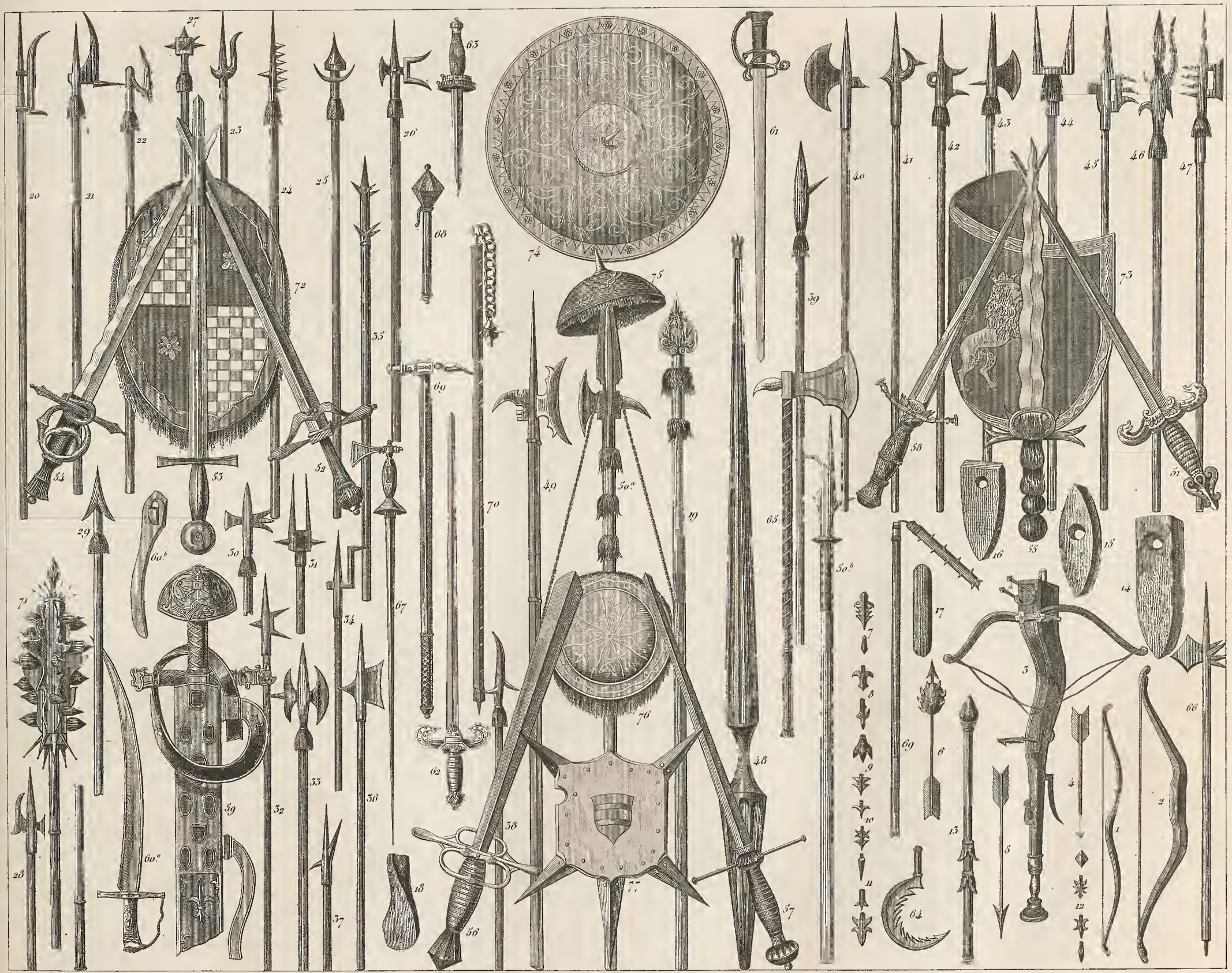
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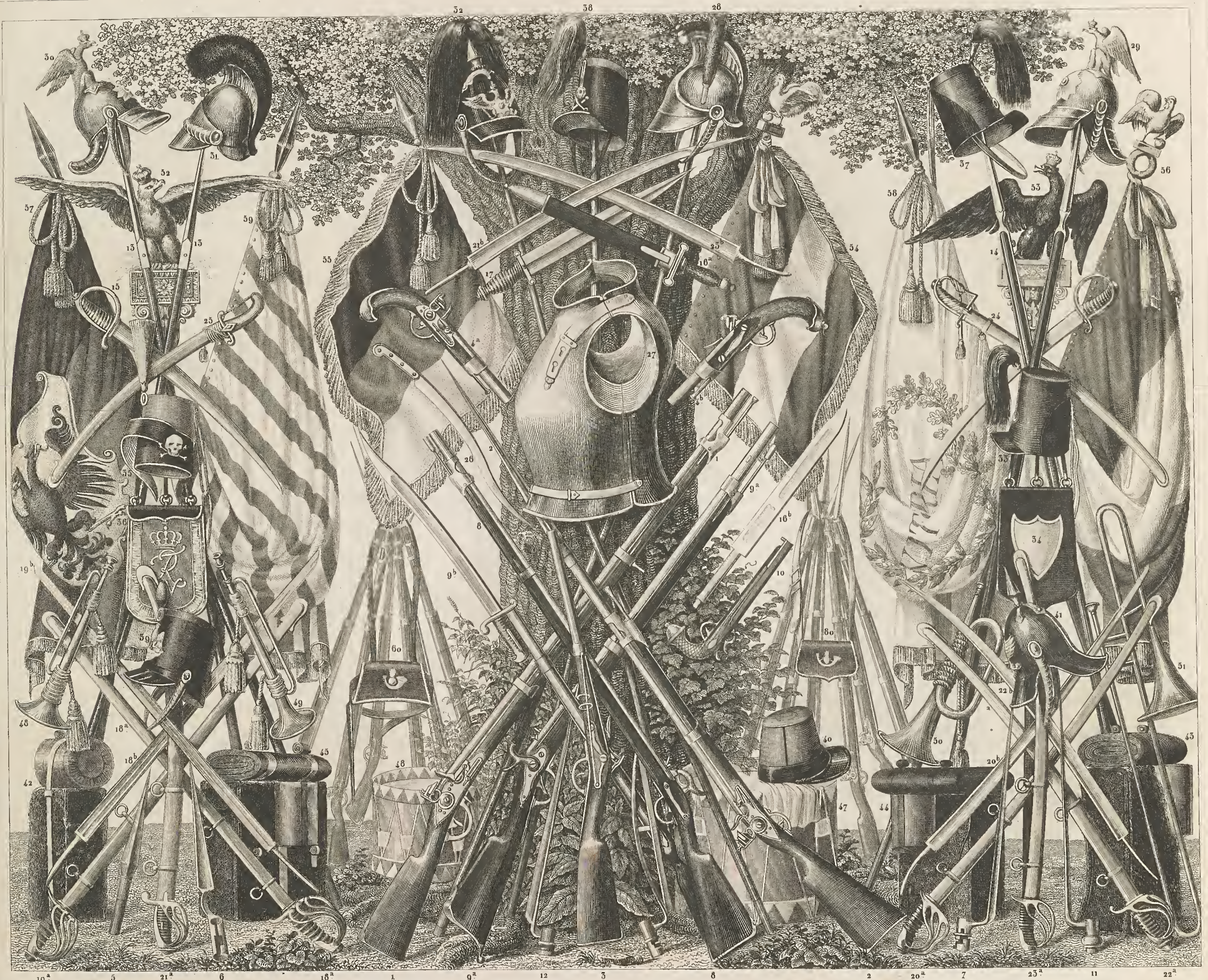
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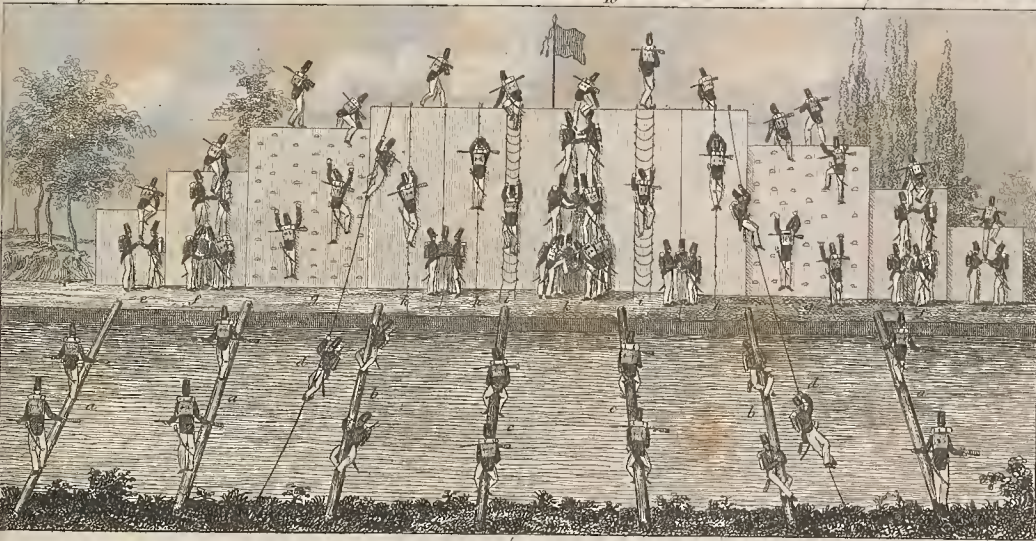
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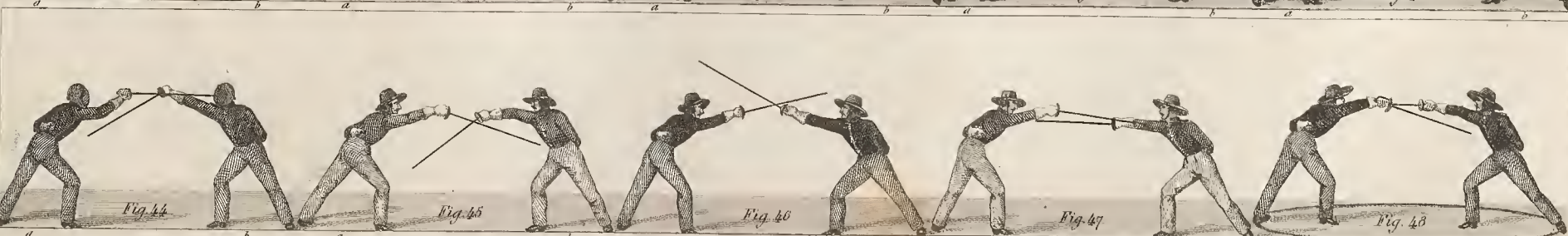
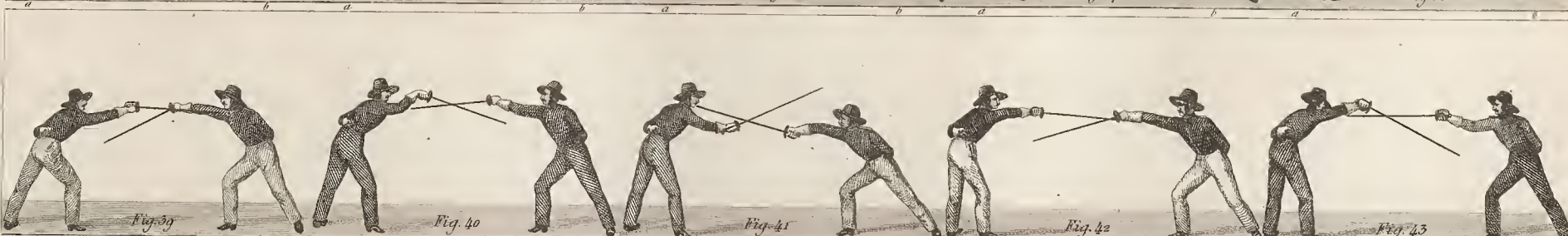
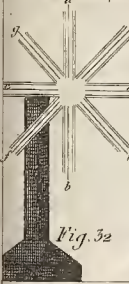
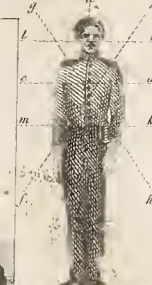
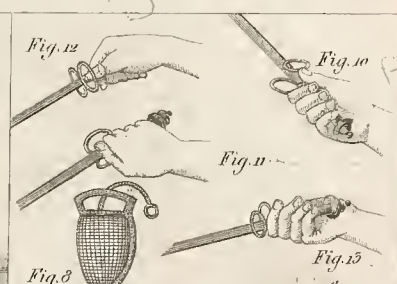
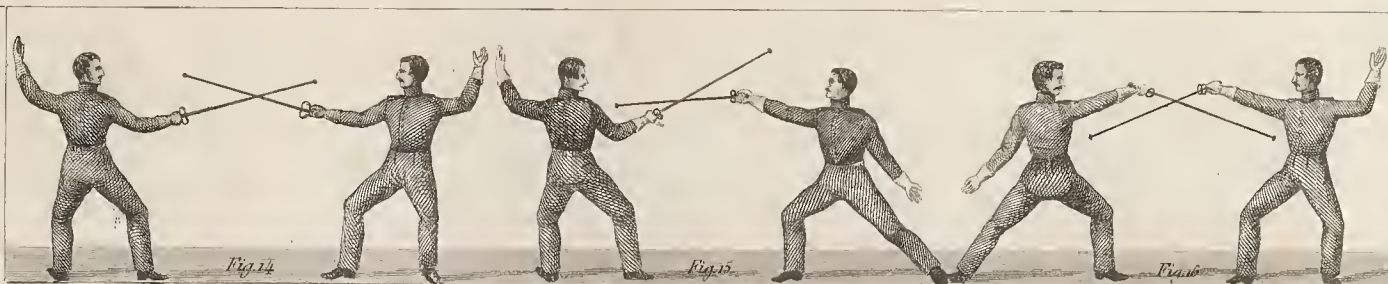
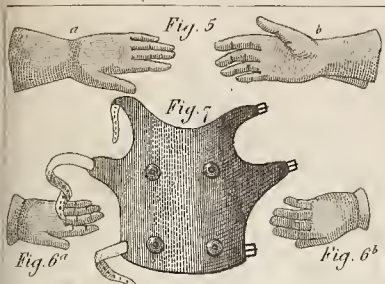




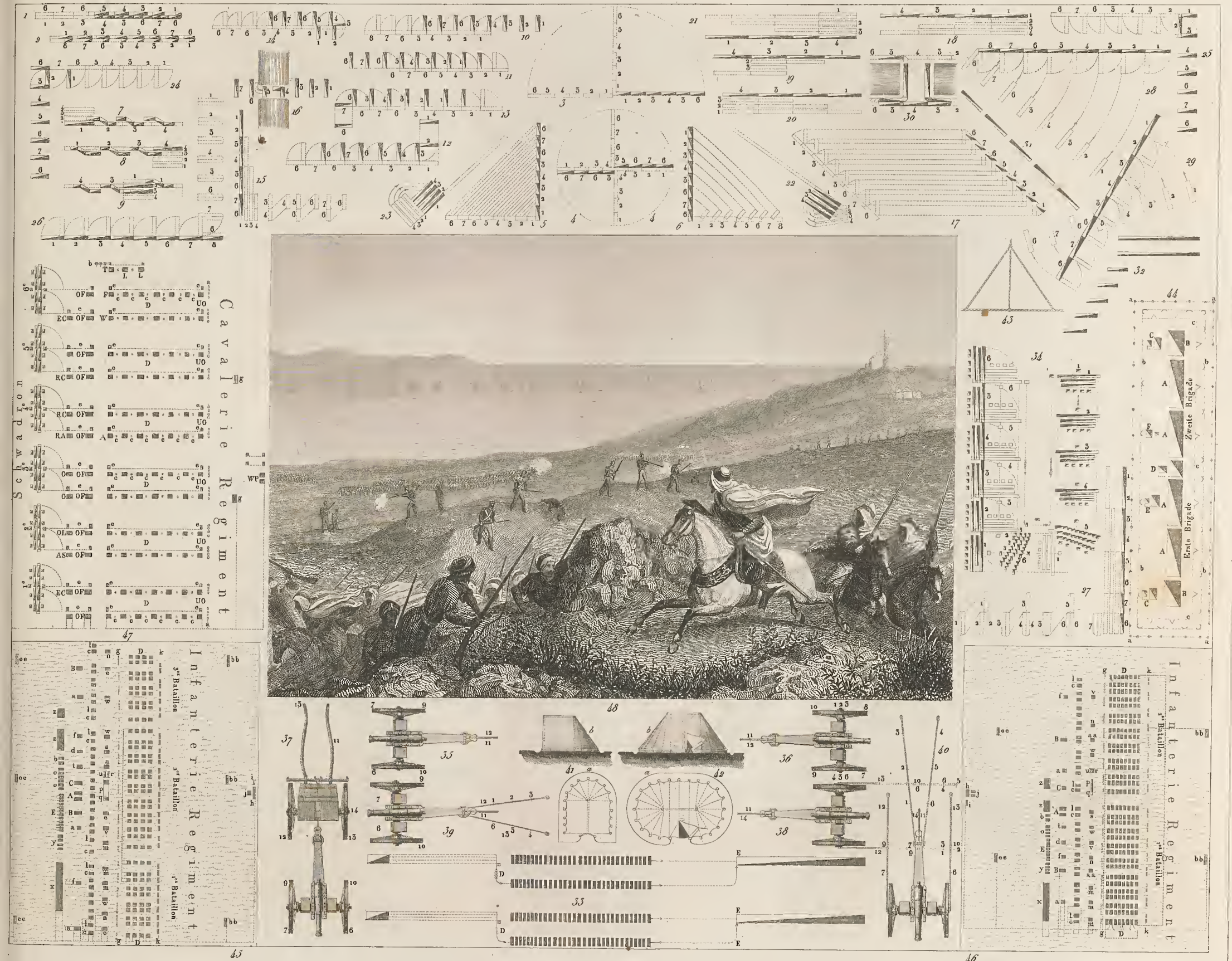


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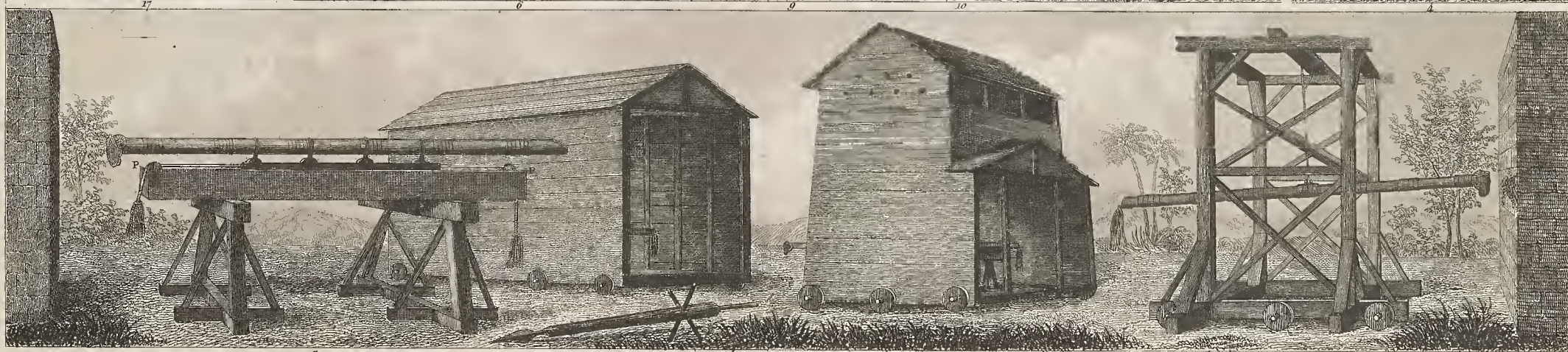
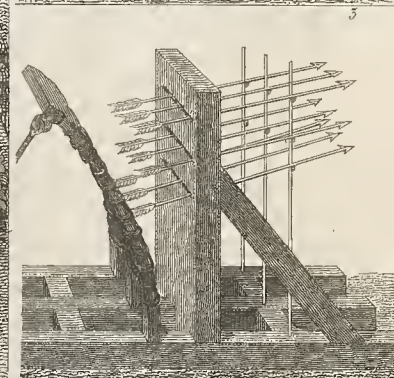
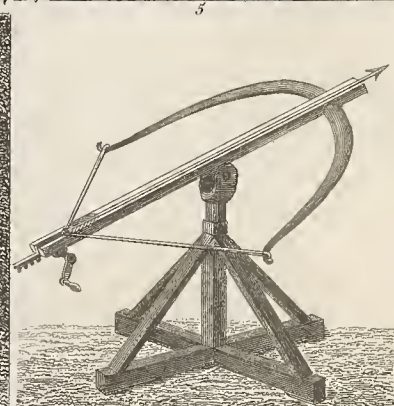
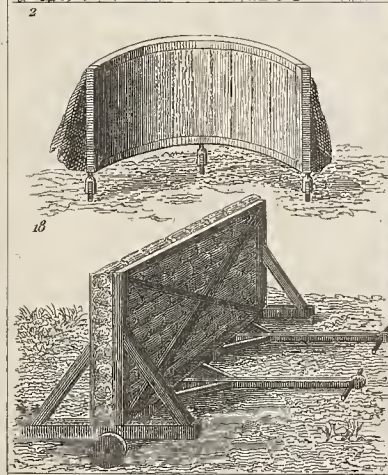
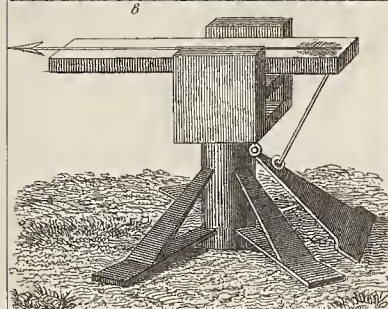
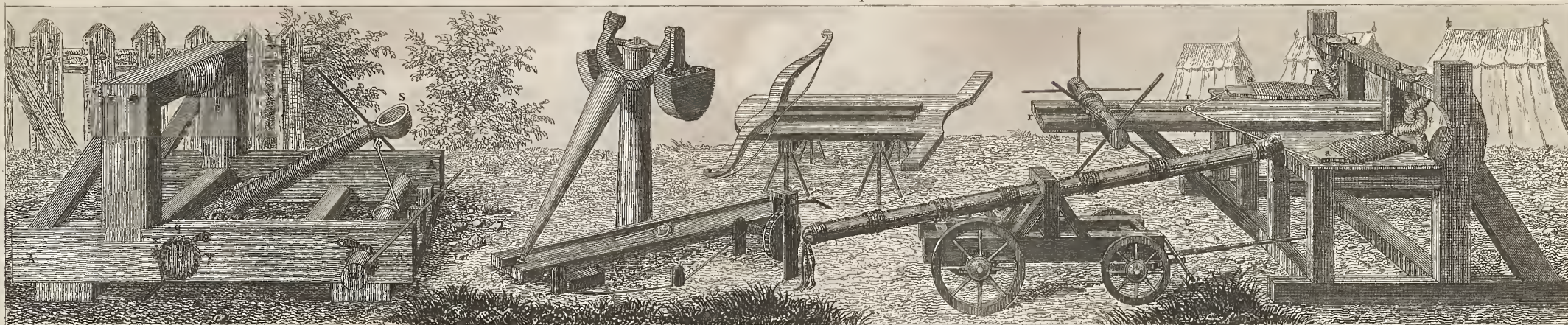


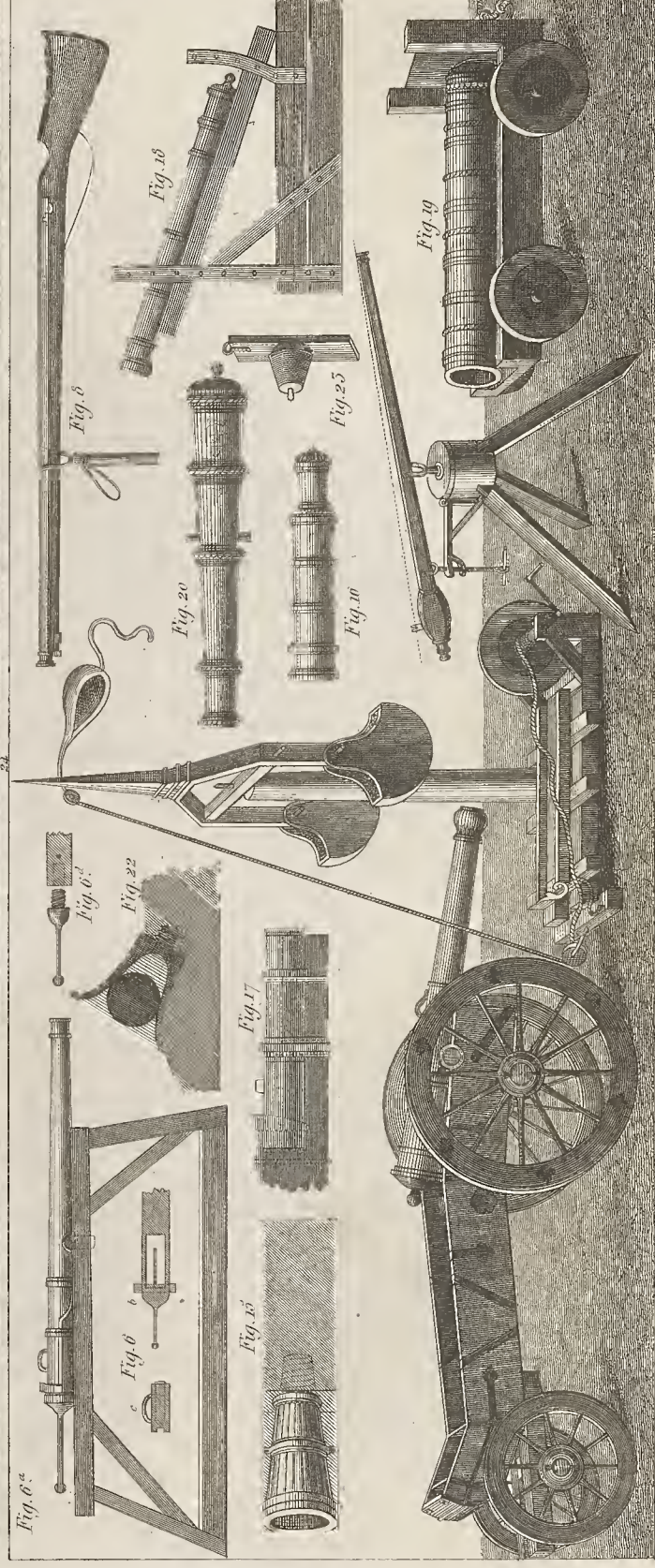
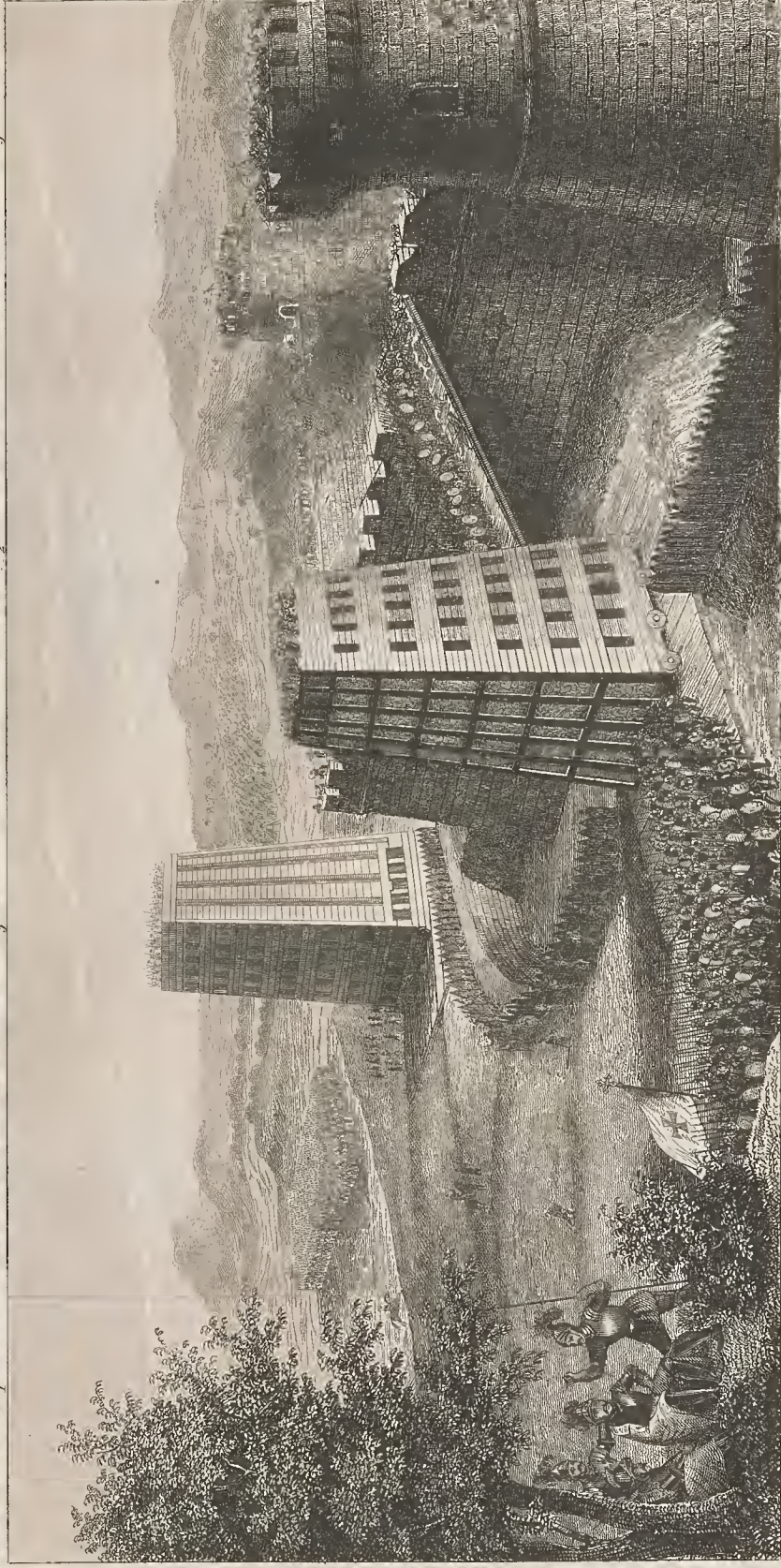
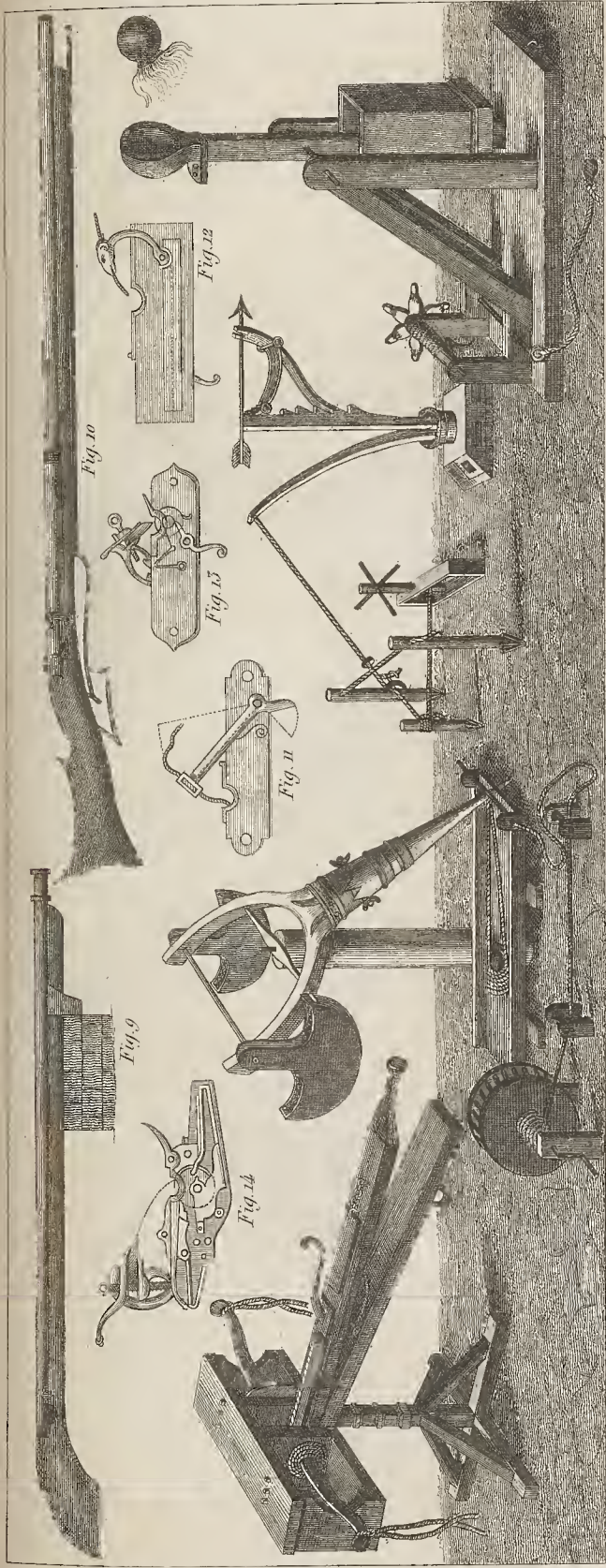


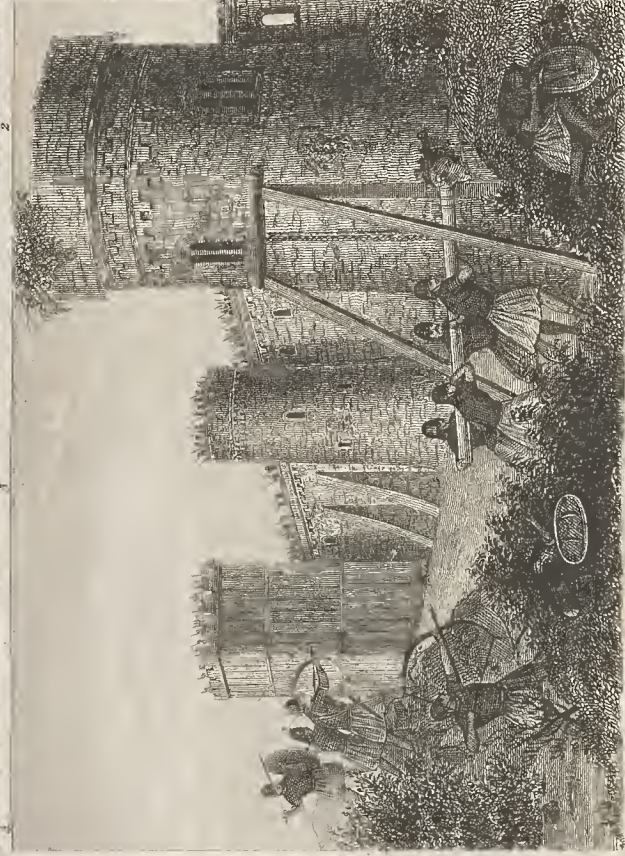
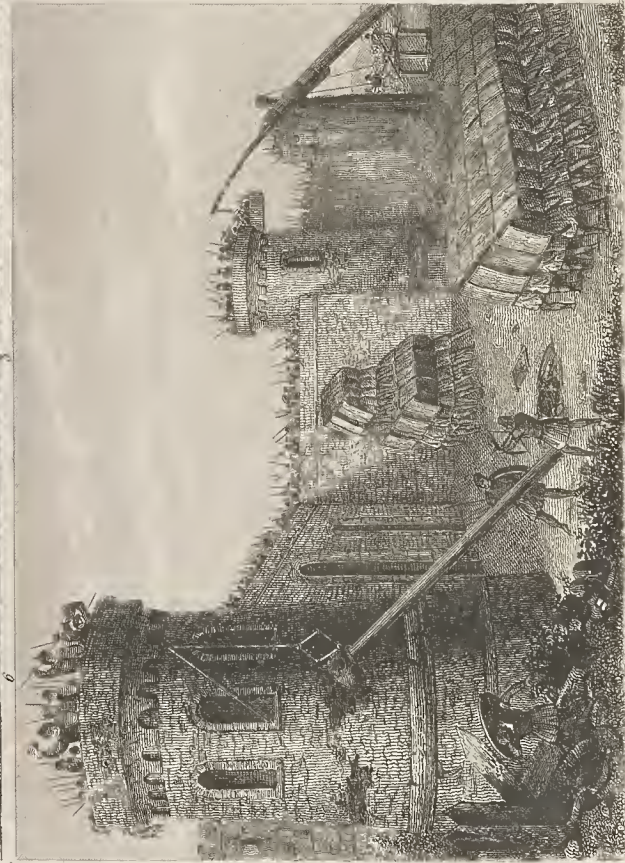
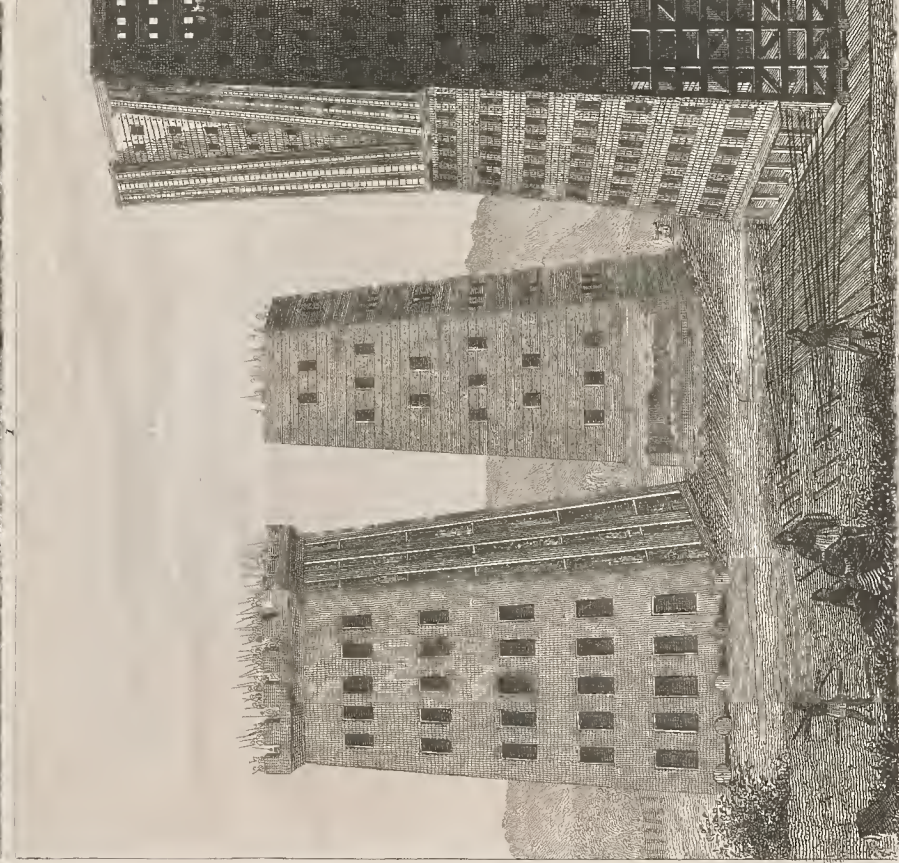


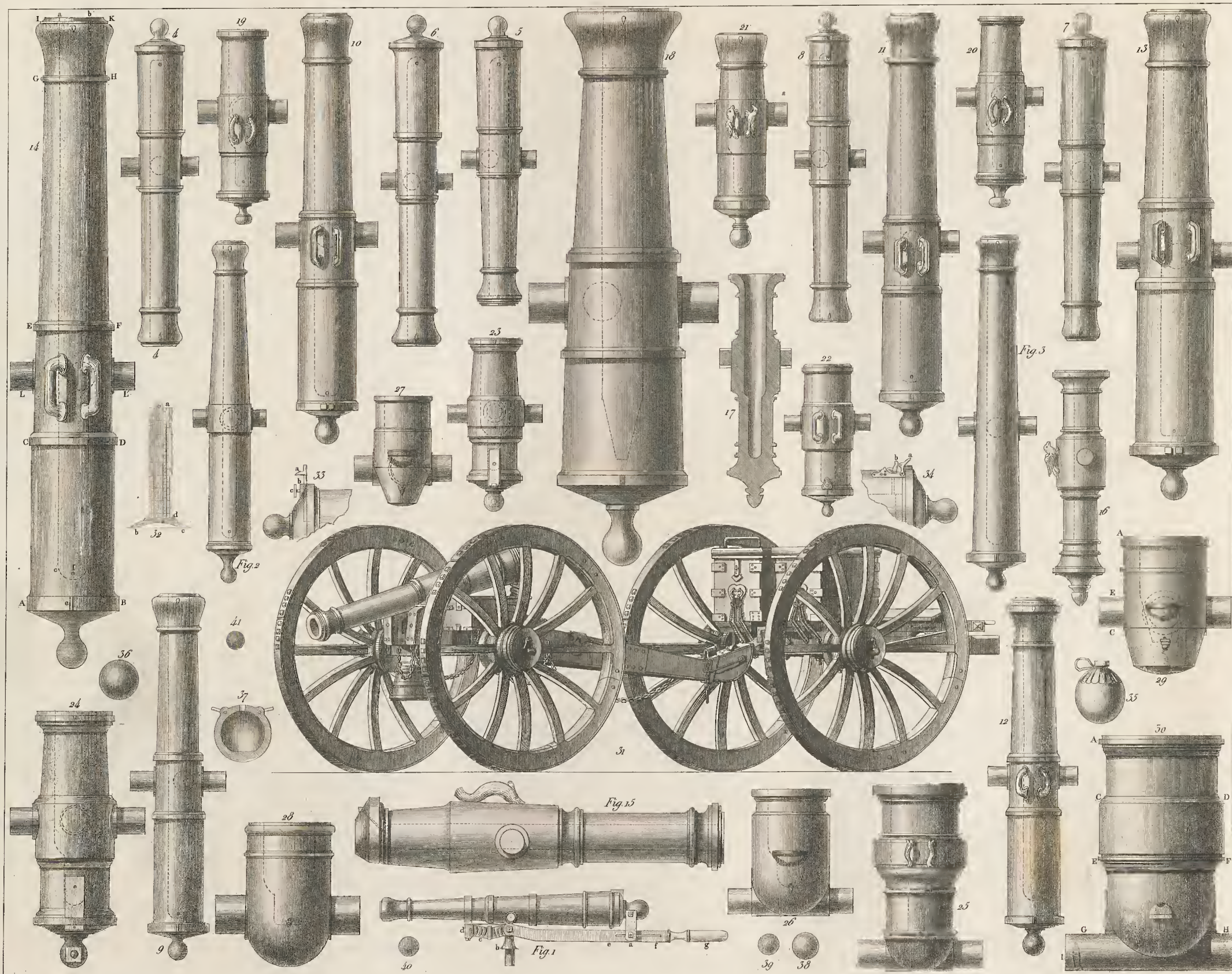


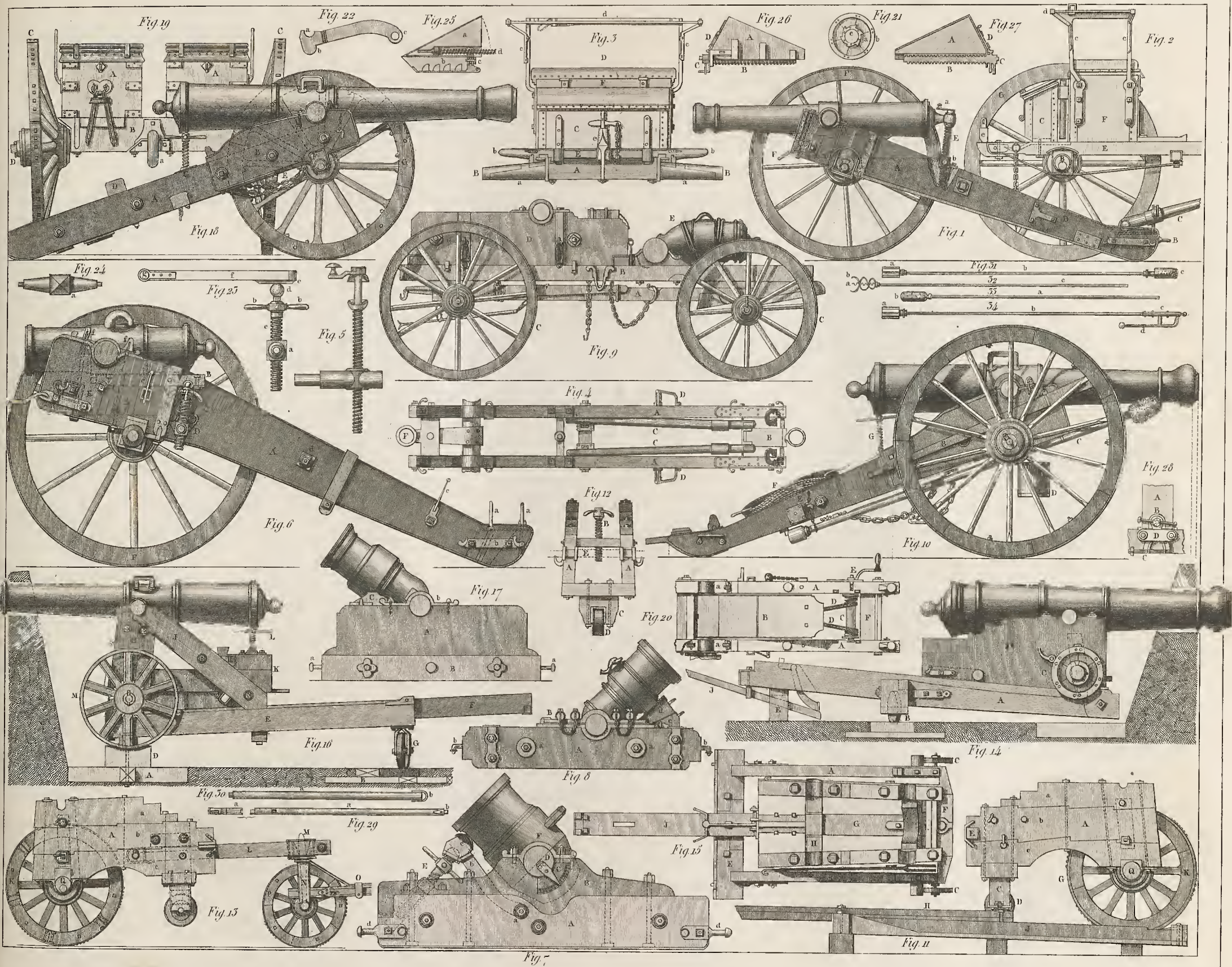


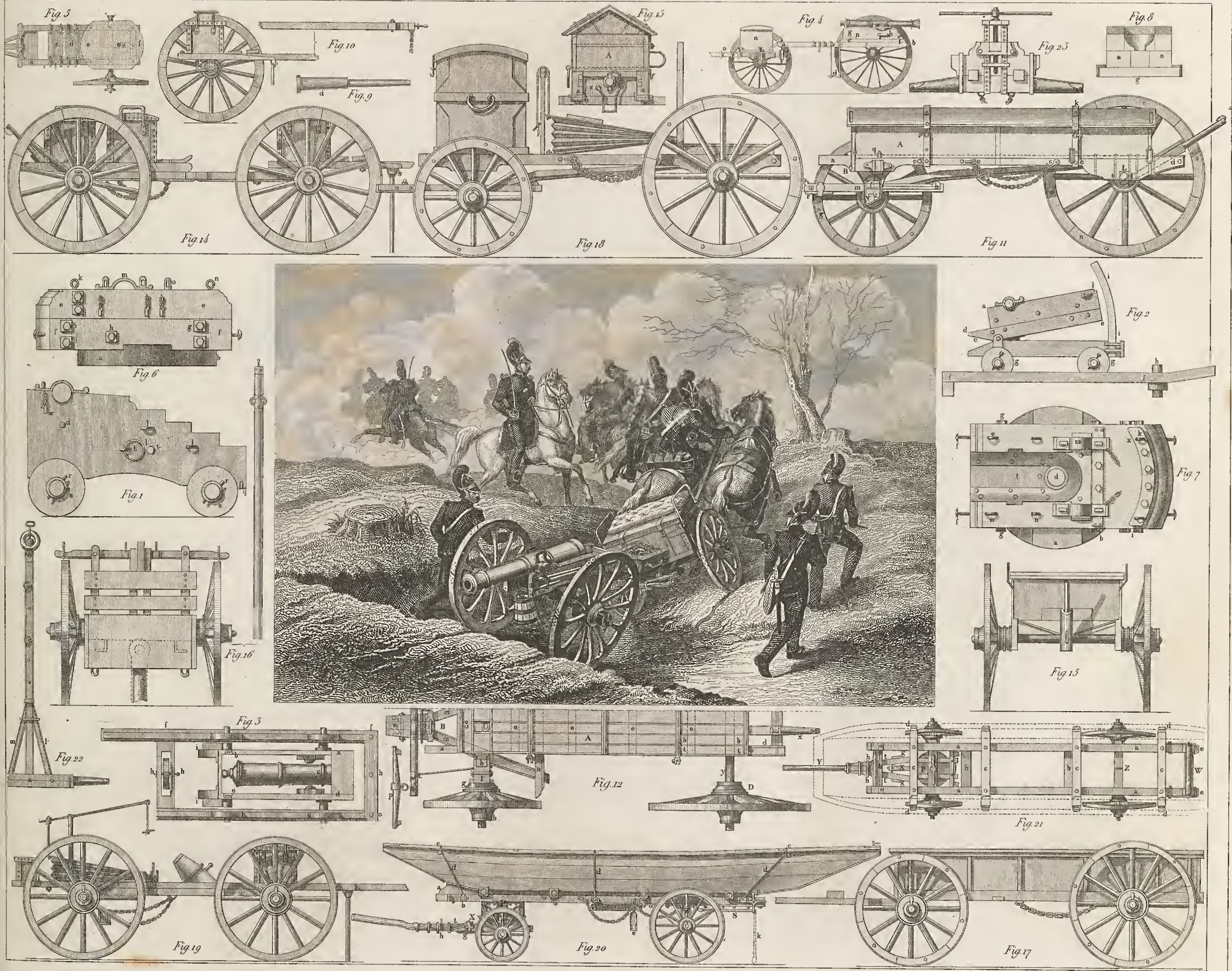


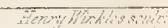


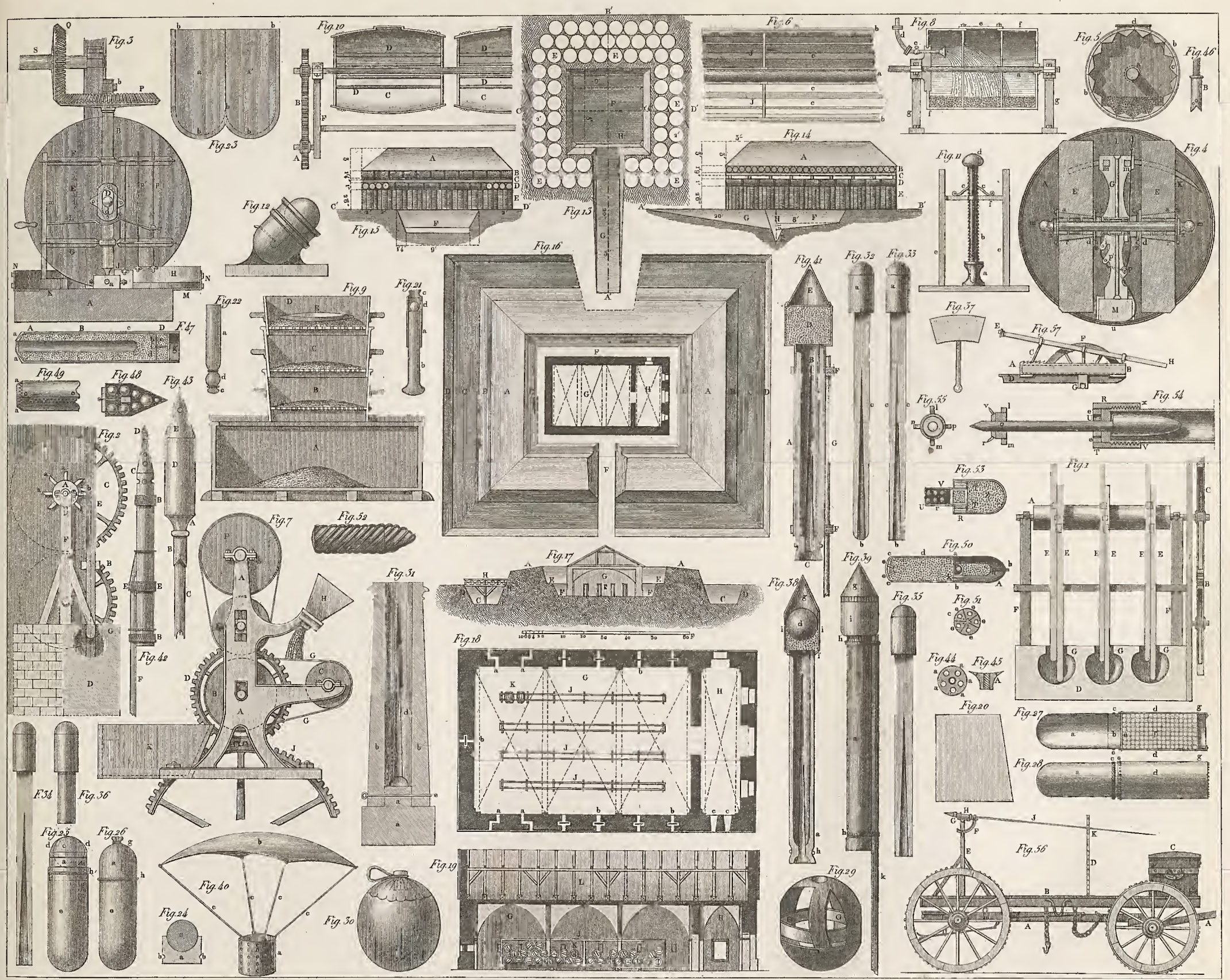


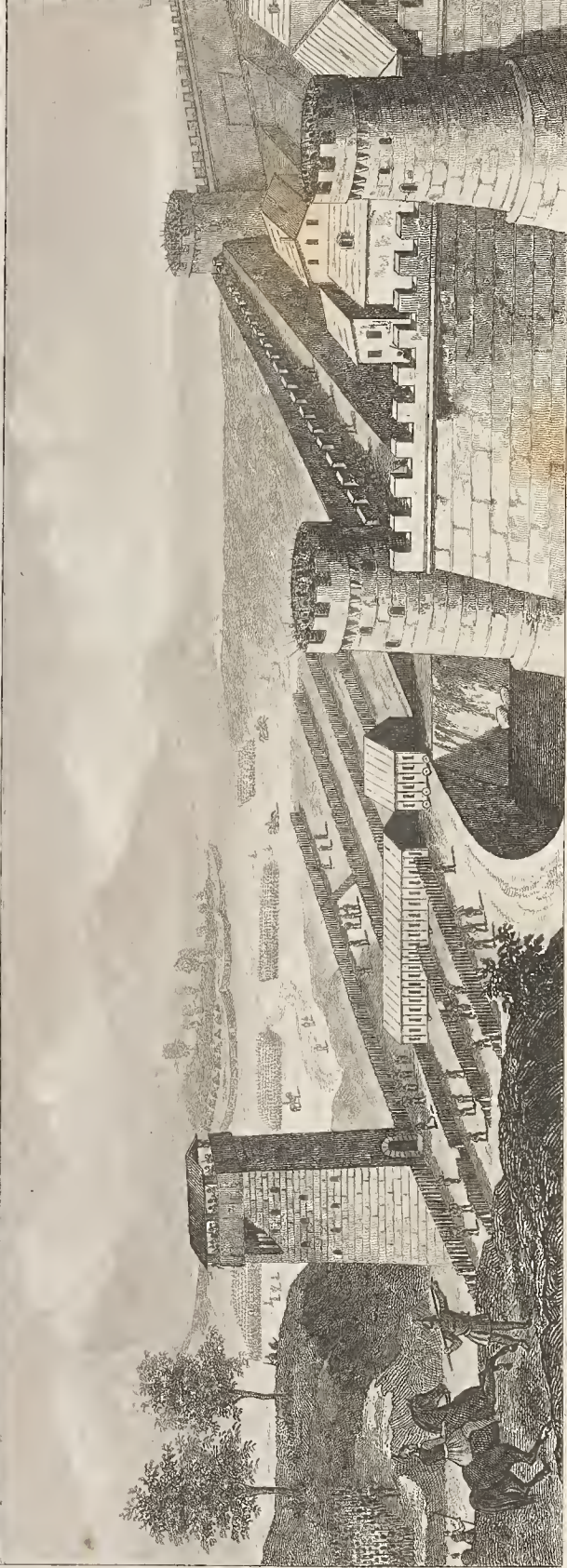
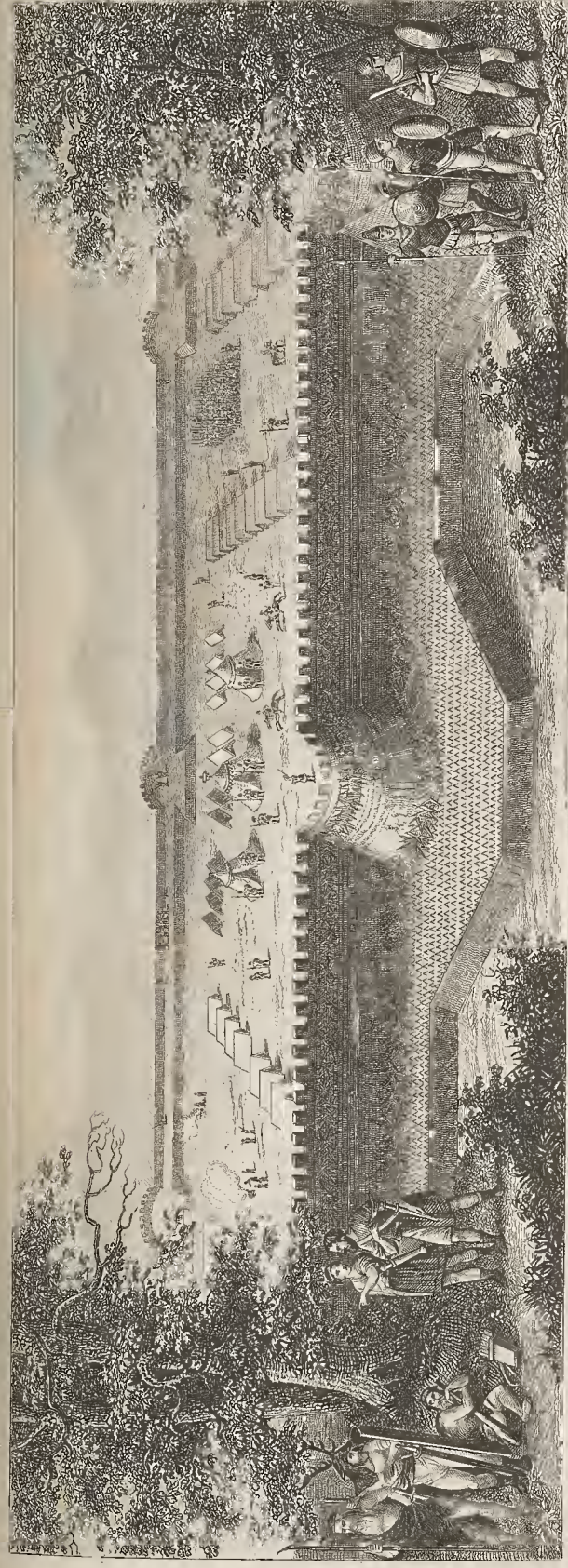


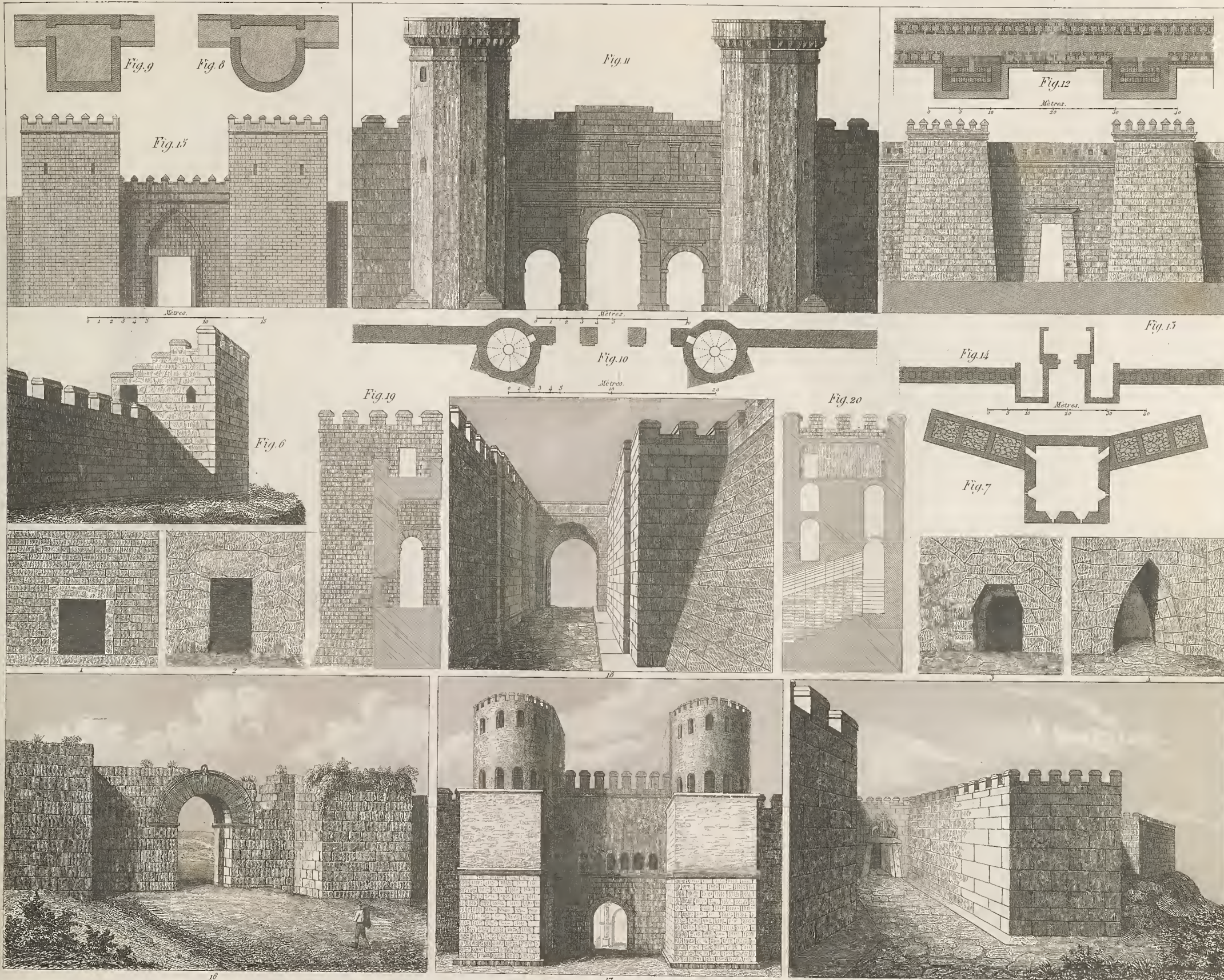


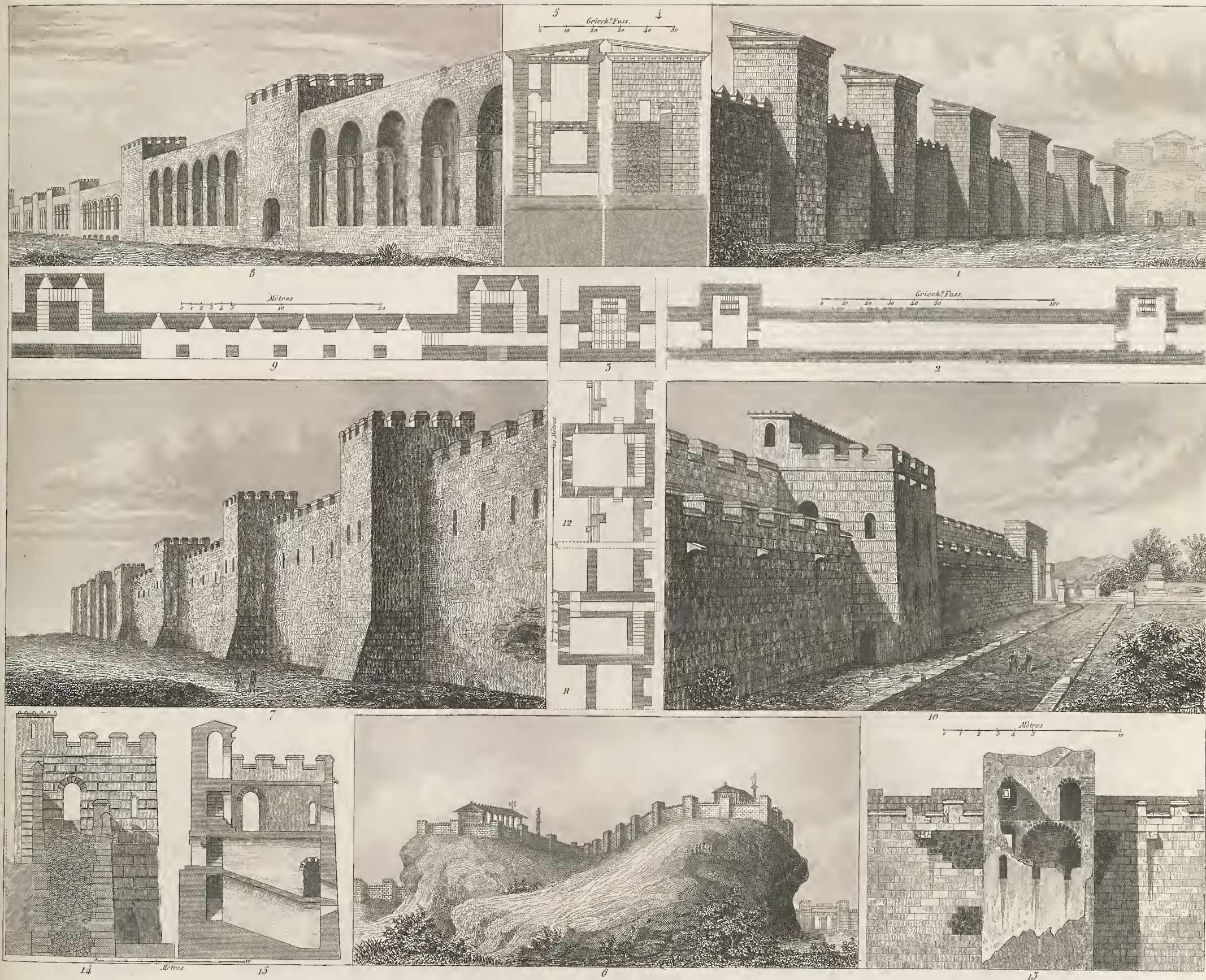




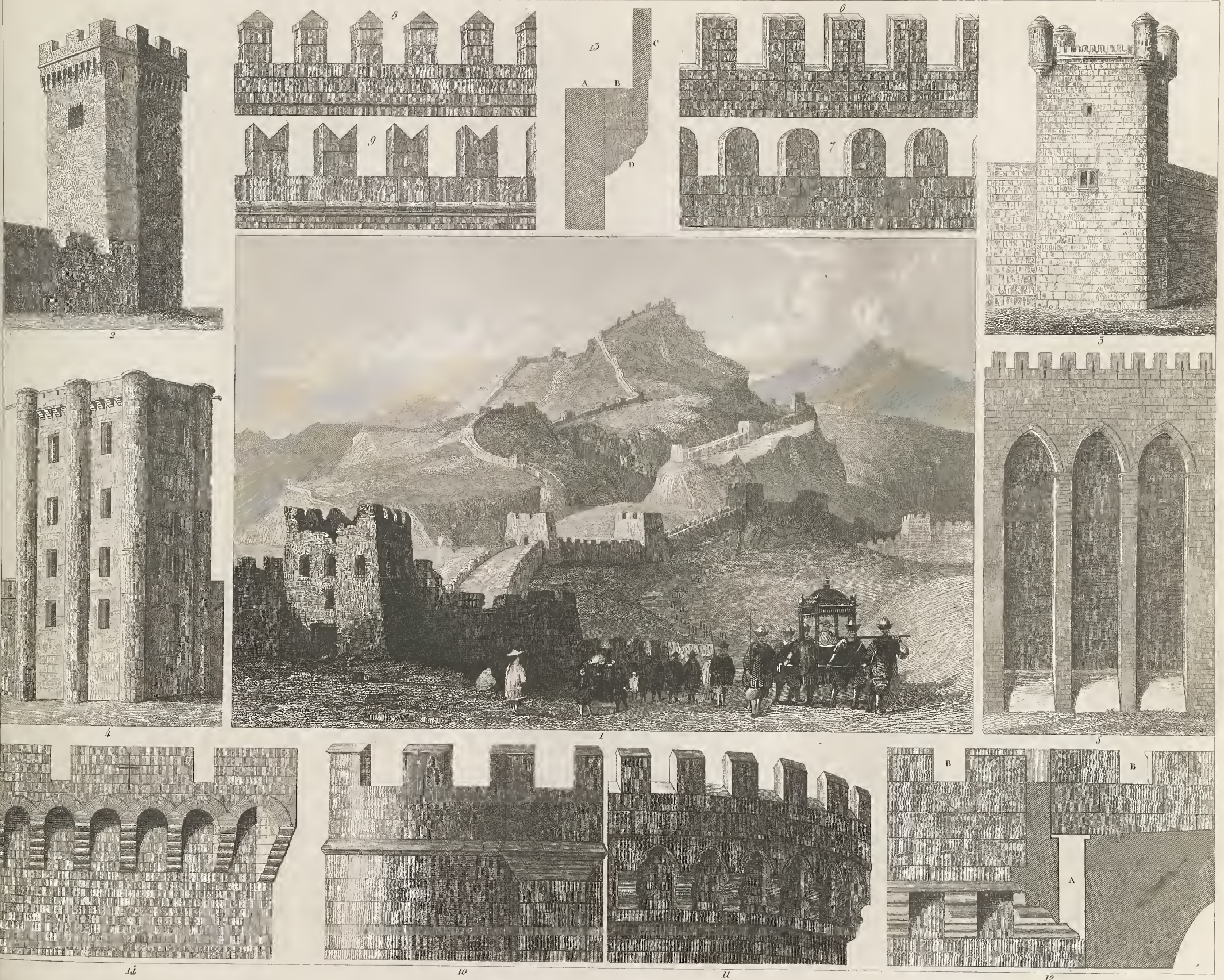


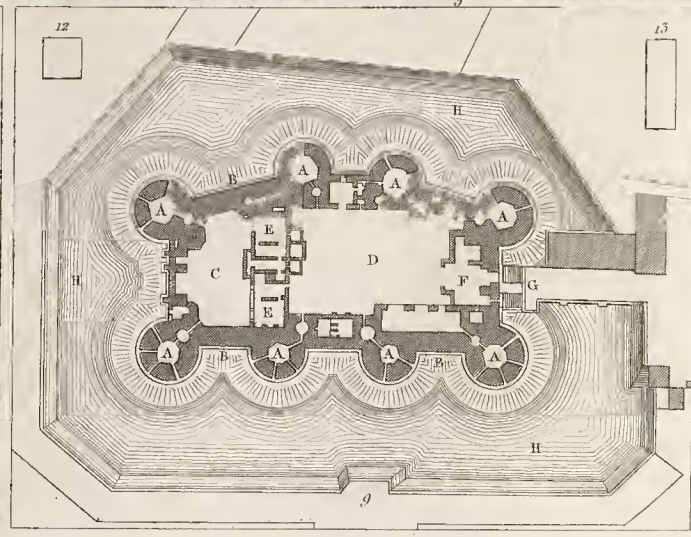
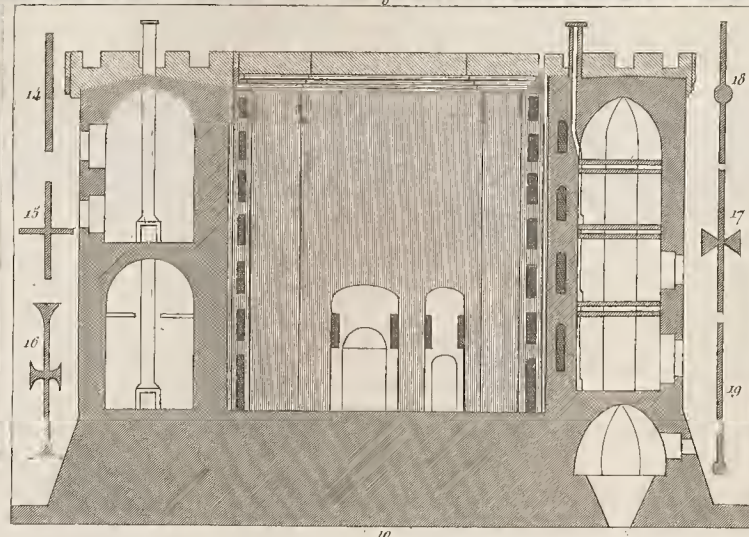
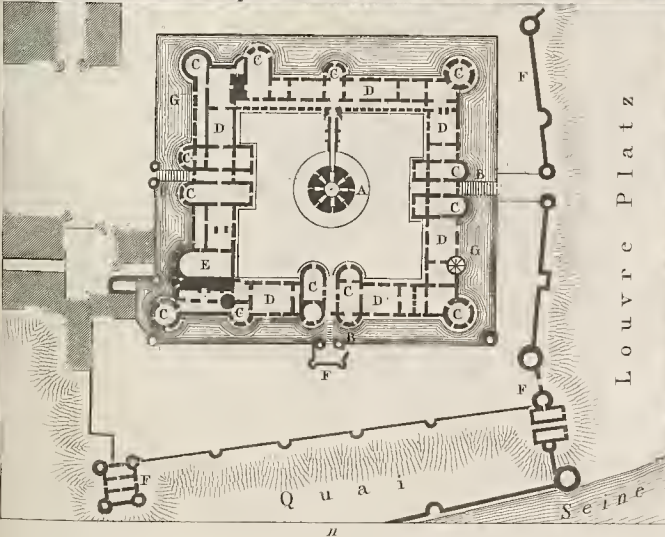
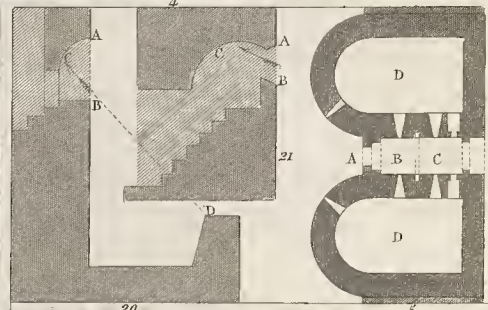
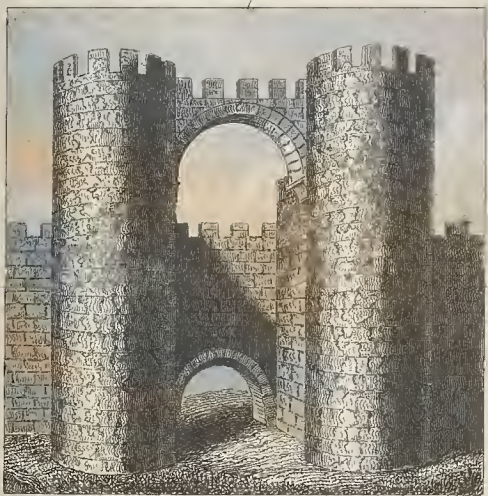
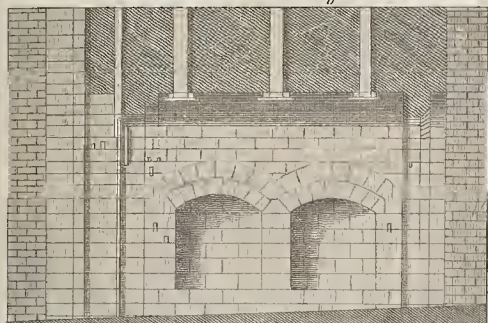
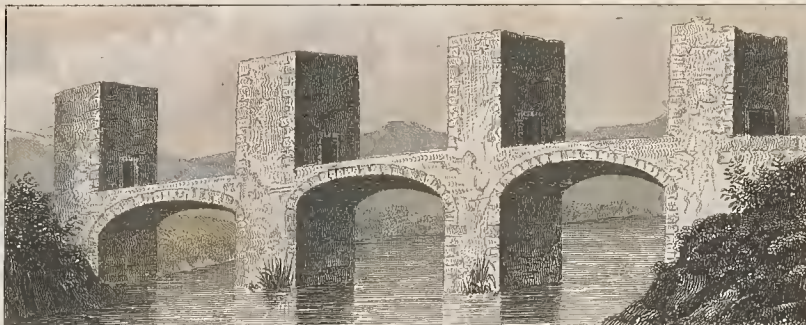


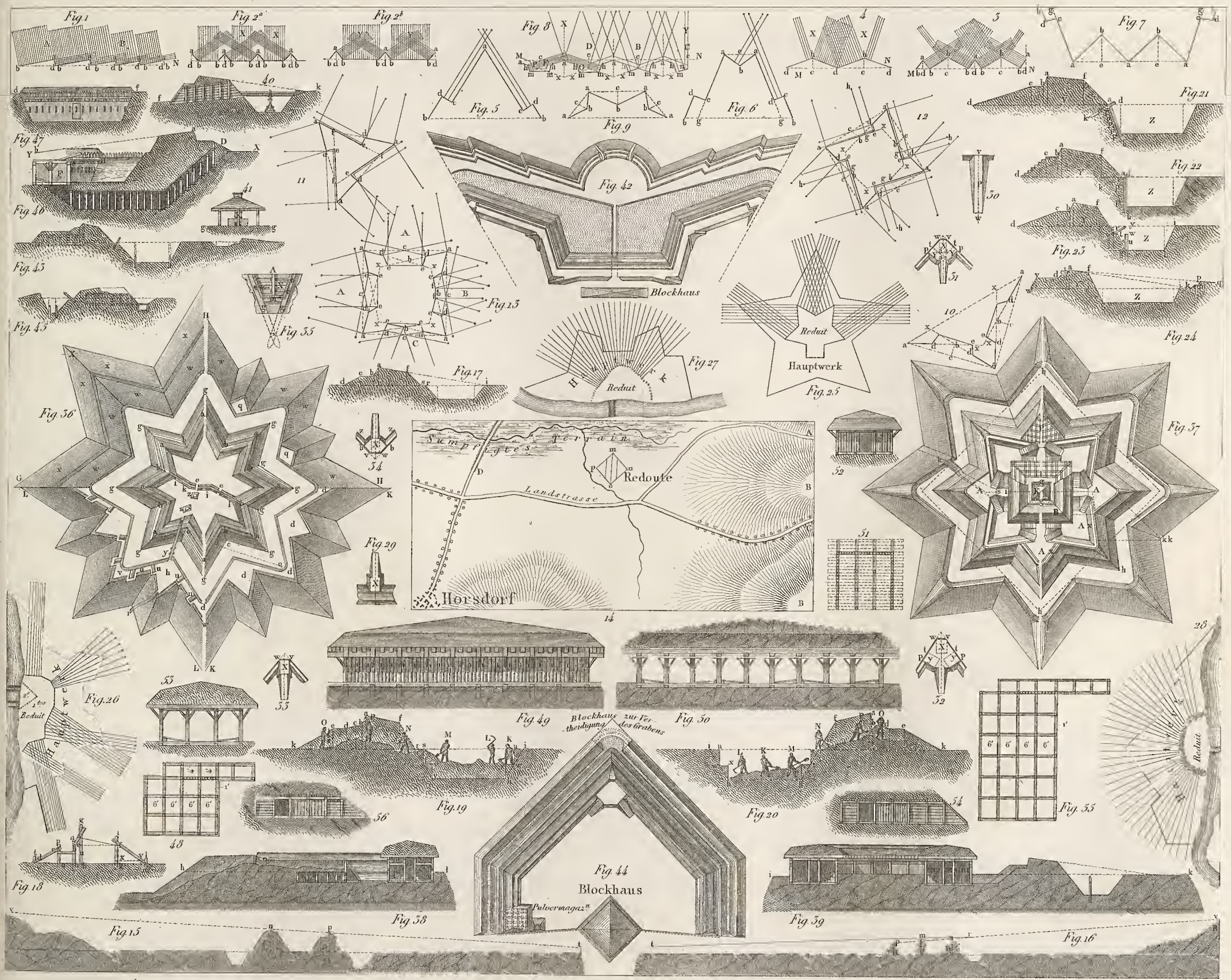


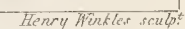


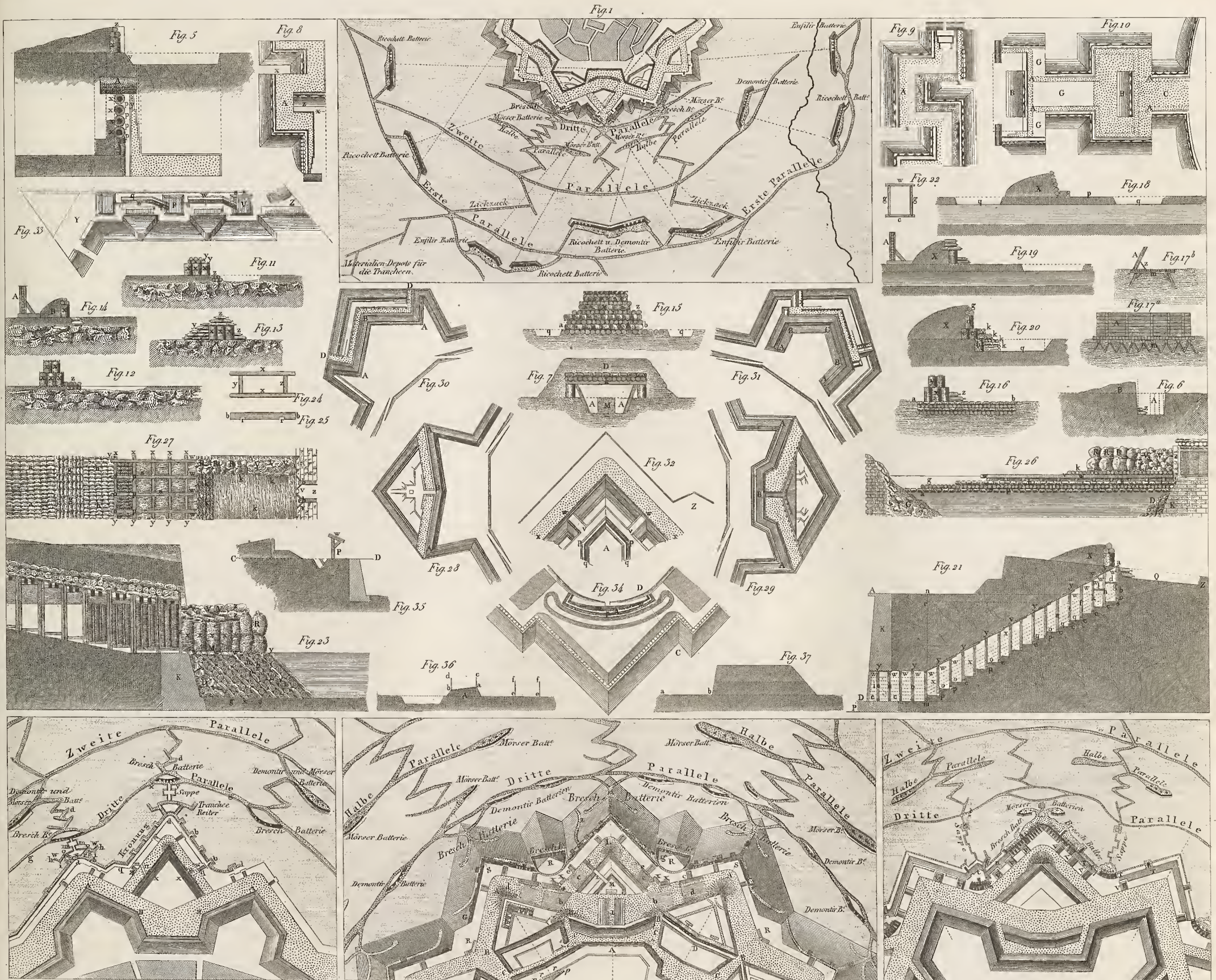




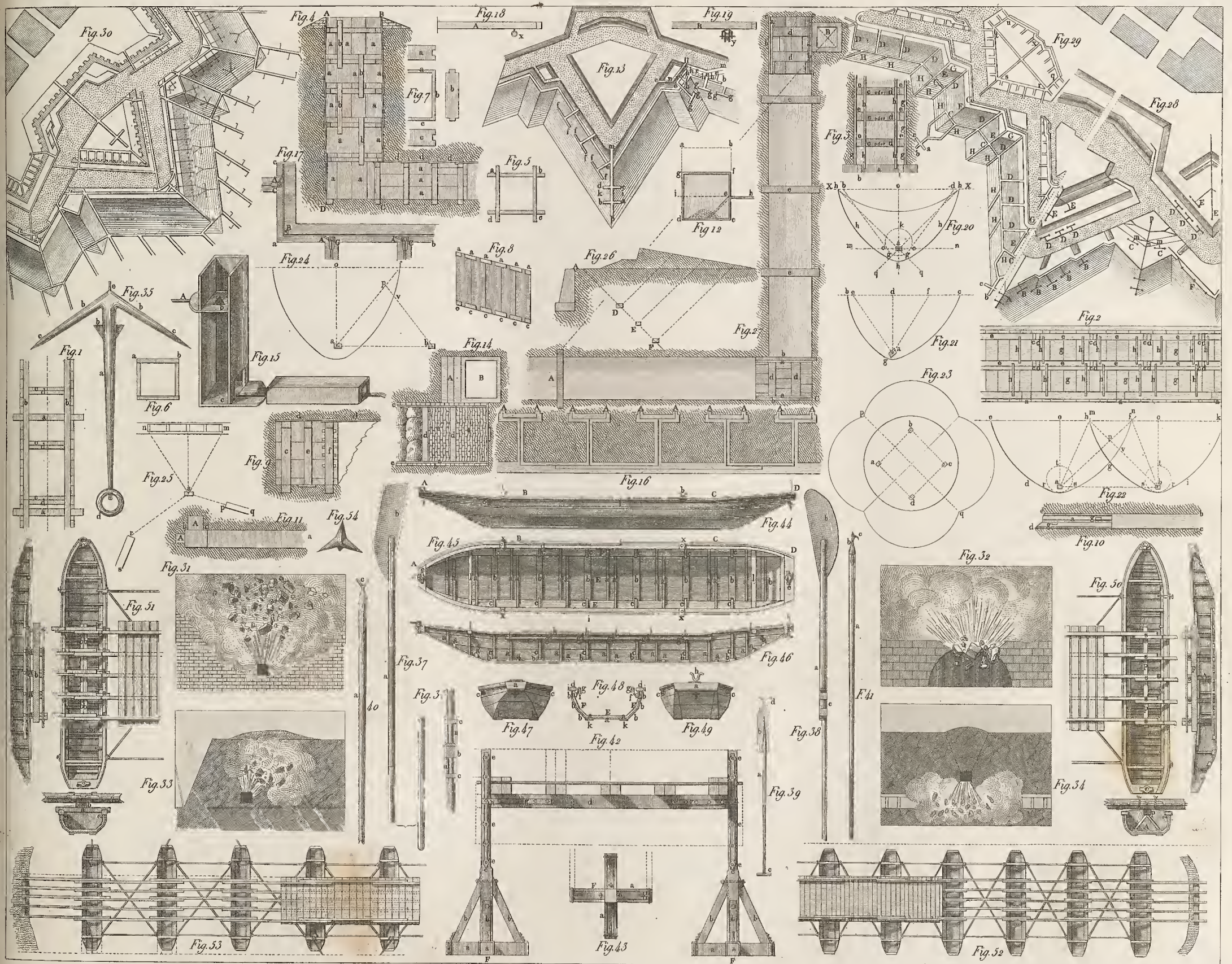












ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION VI.

NAVAL SCIENCES.

THIRTY-TWO PLATES.

THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. III. OF THE TEXT.

THE PLATES ARE NUMBERED VI. 1—32.

NEW YORK: 1851.

PUBLISHED BY RUDOLPH GARRIGUE,
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OF THE

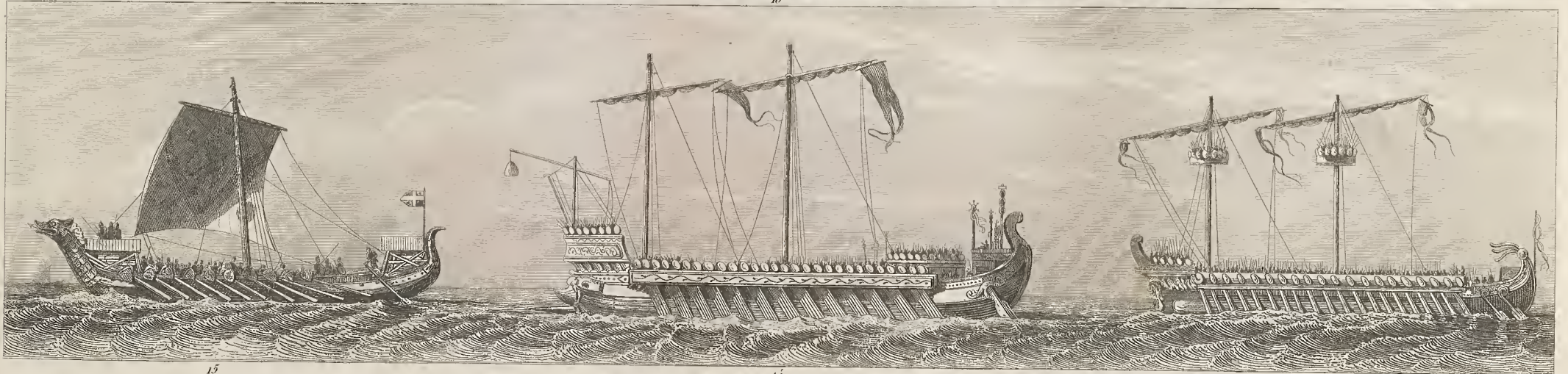
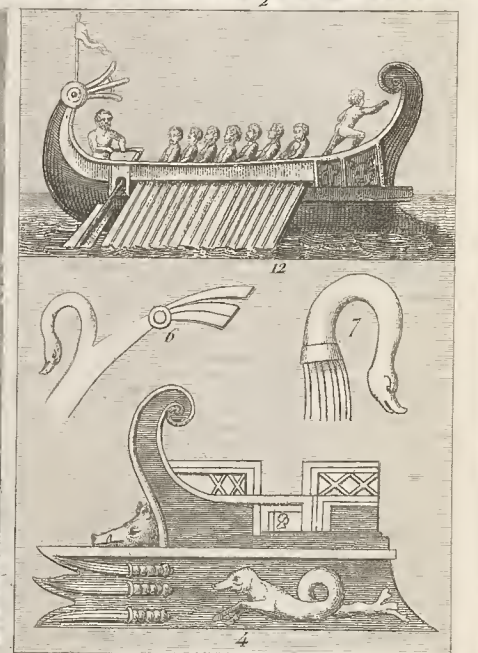
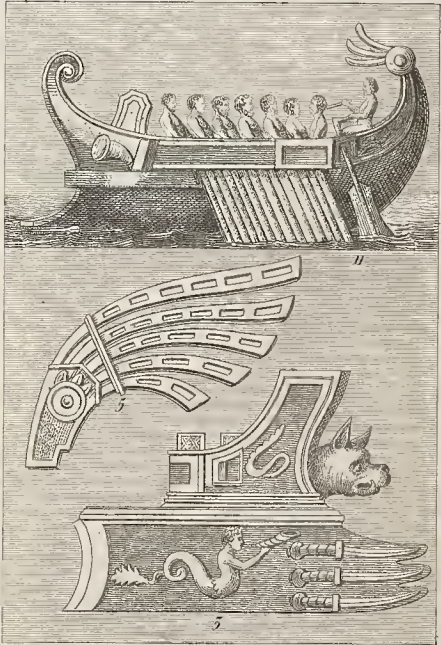
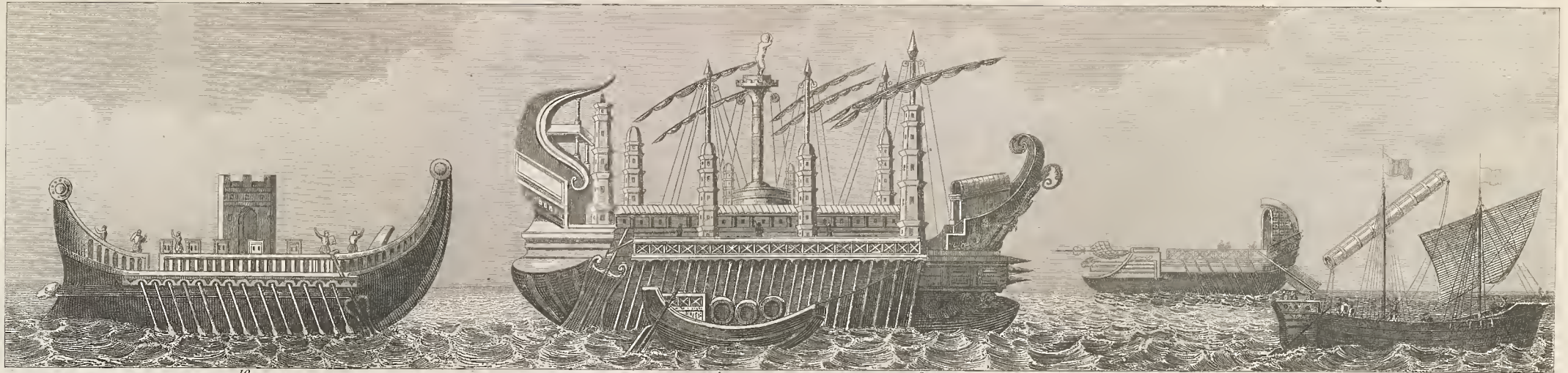
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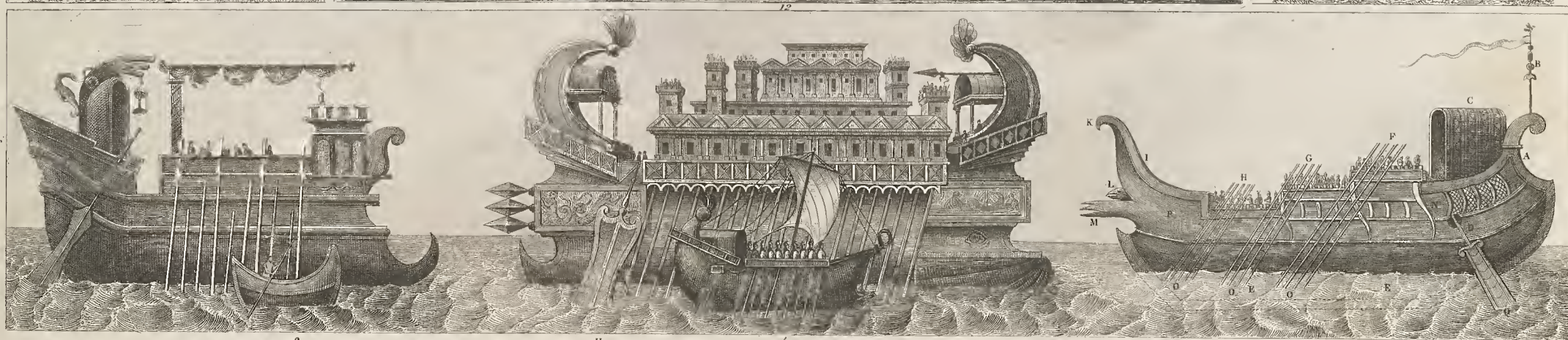
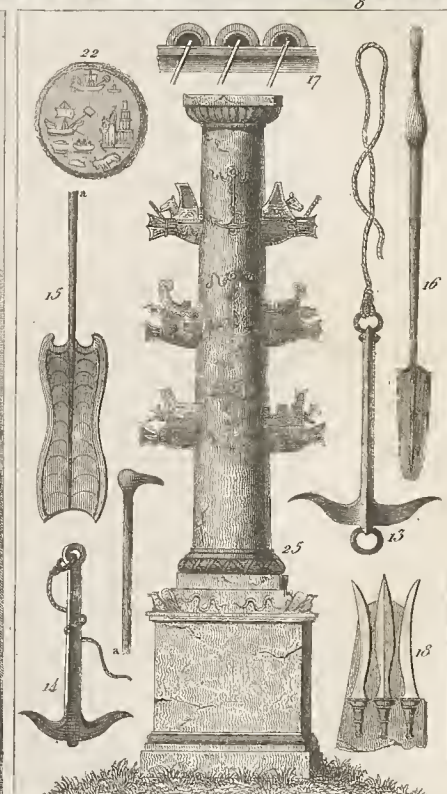
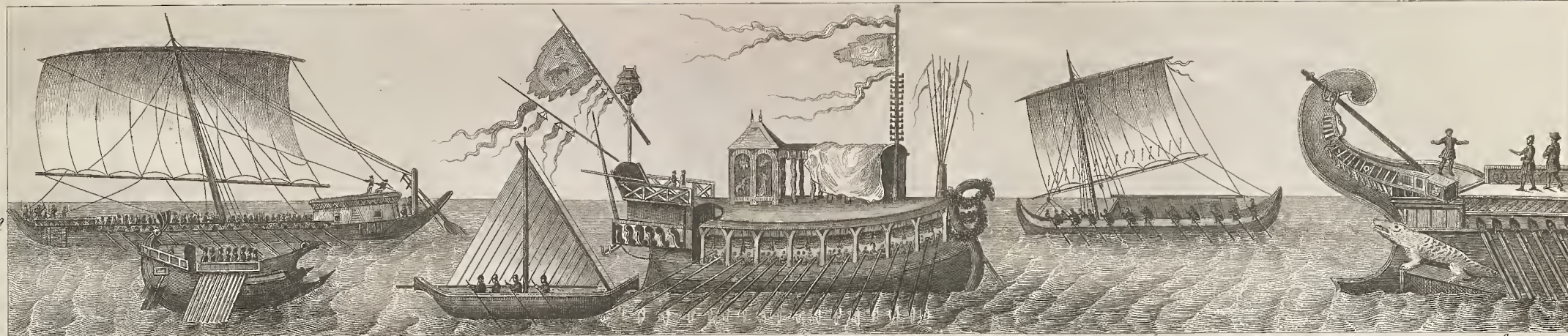
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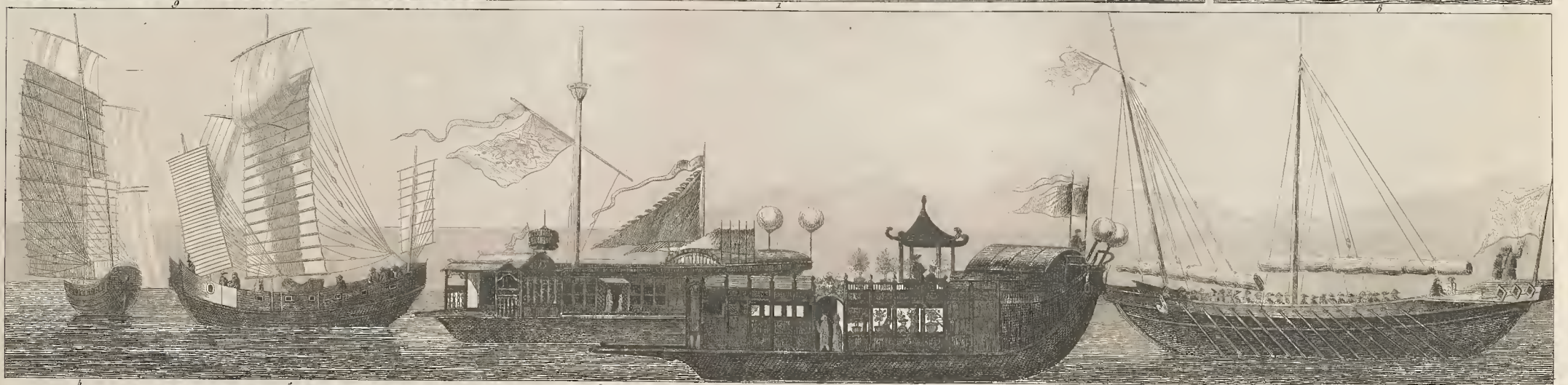
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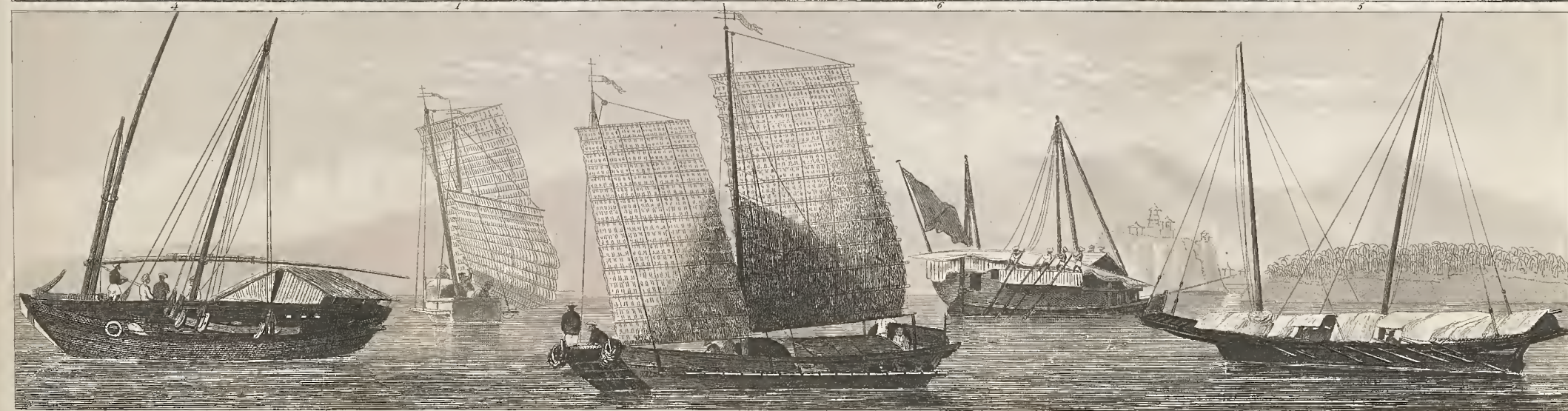


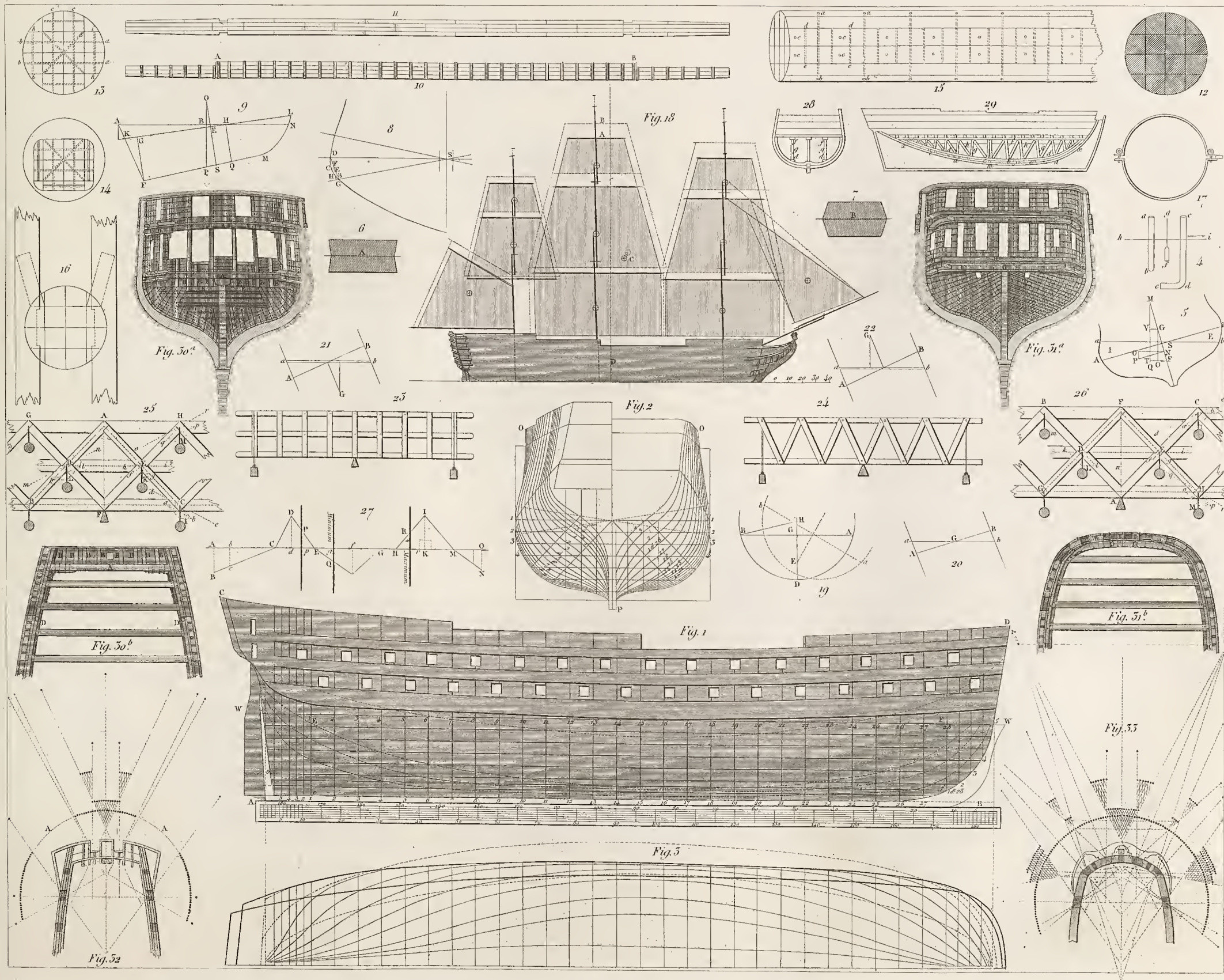


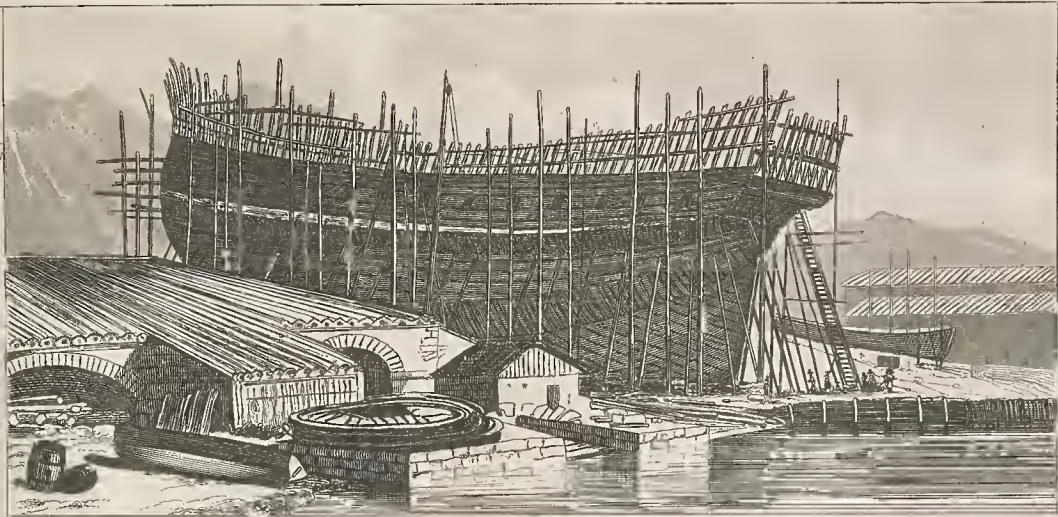


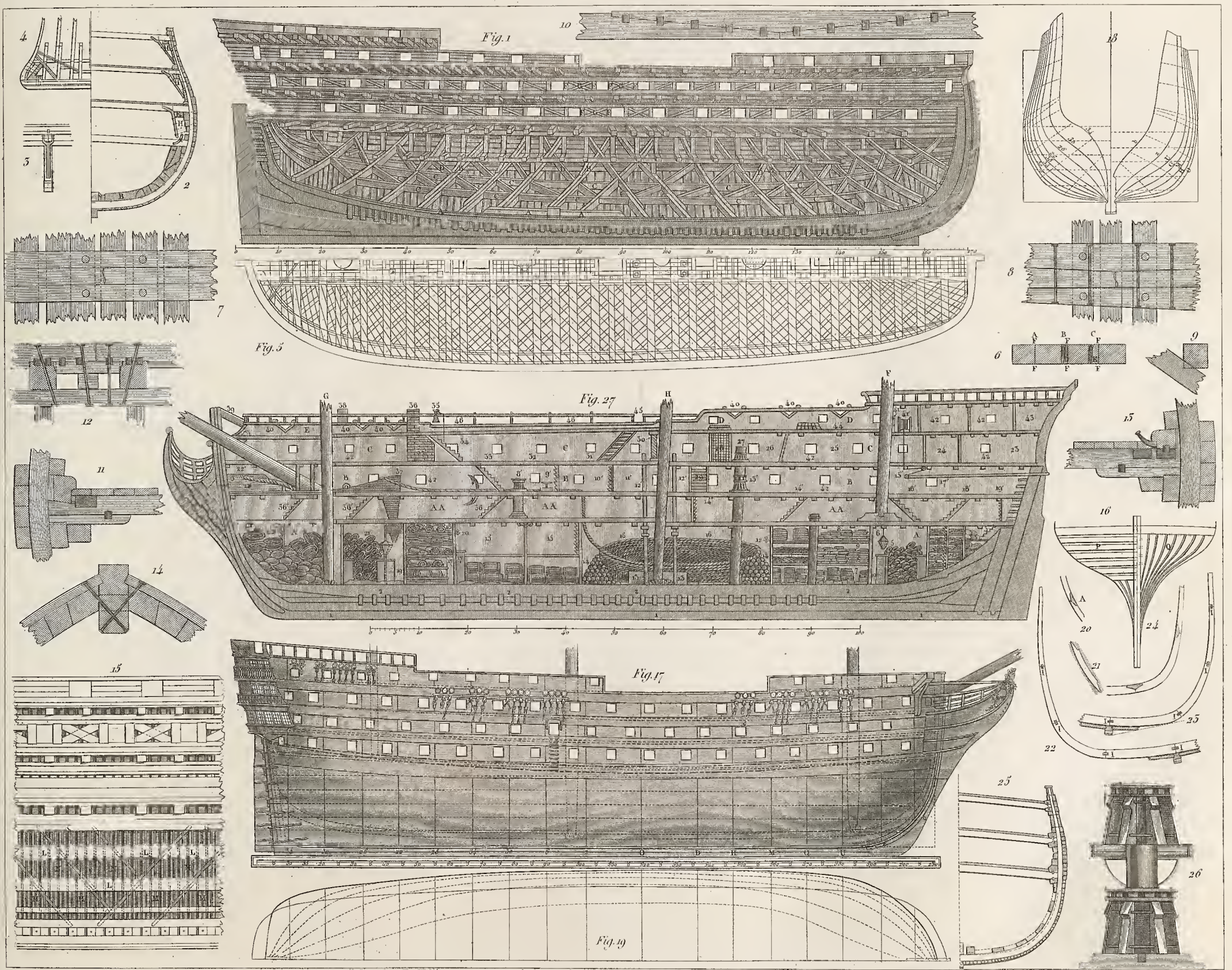












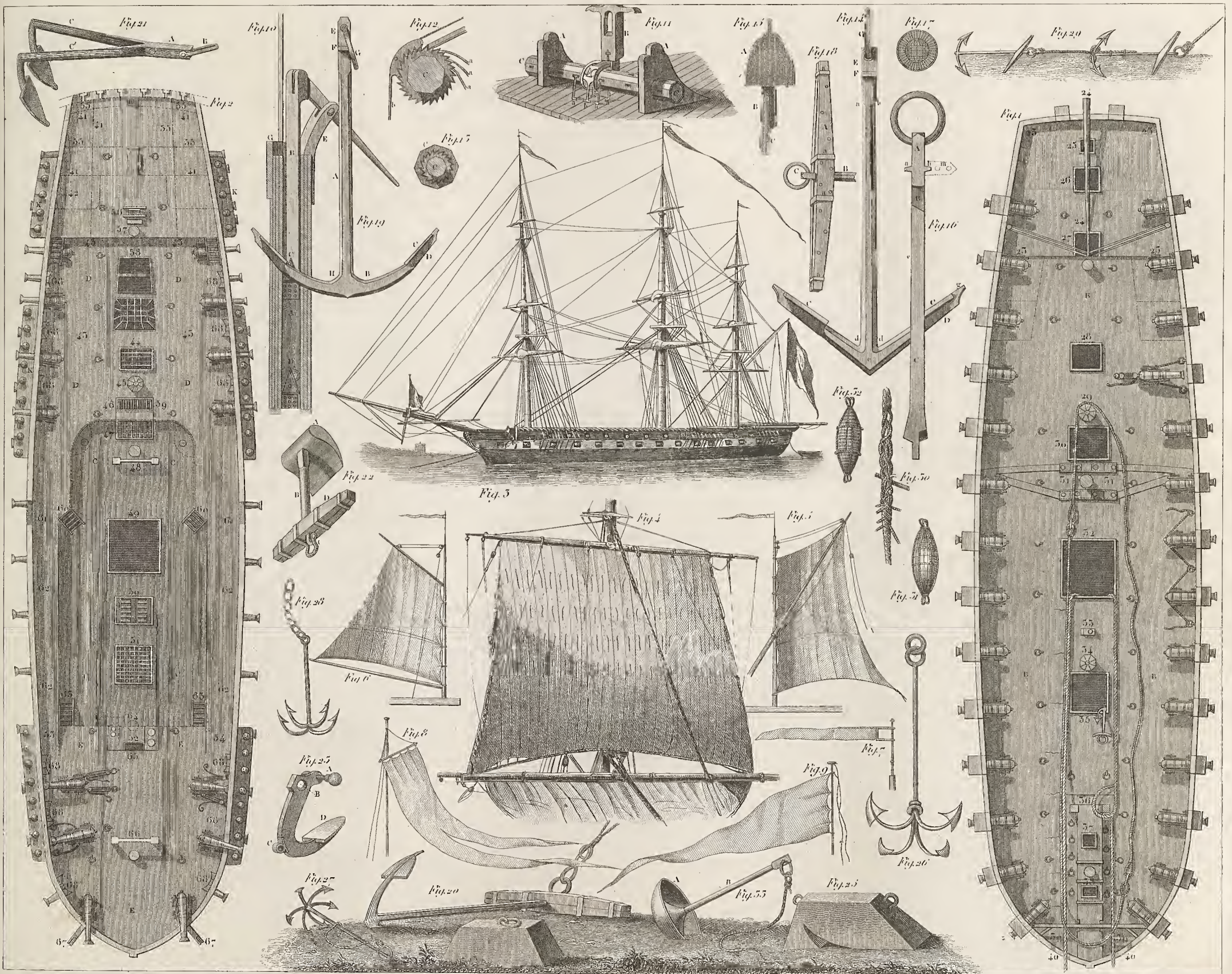
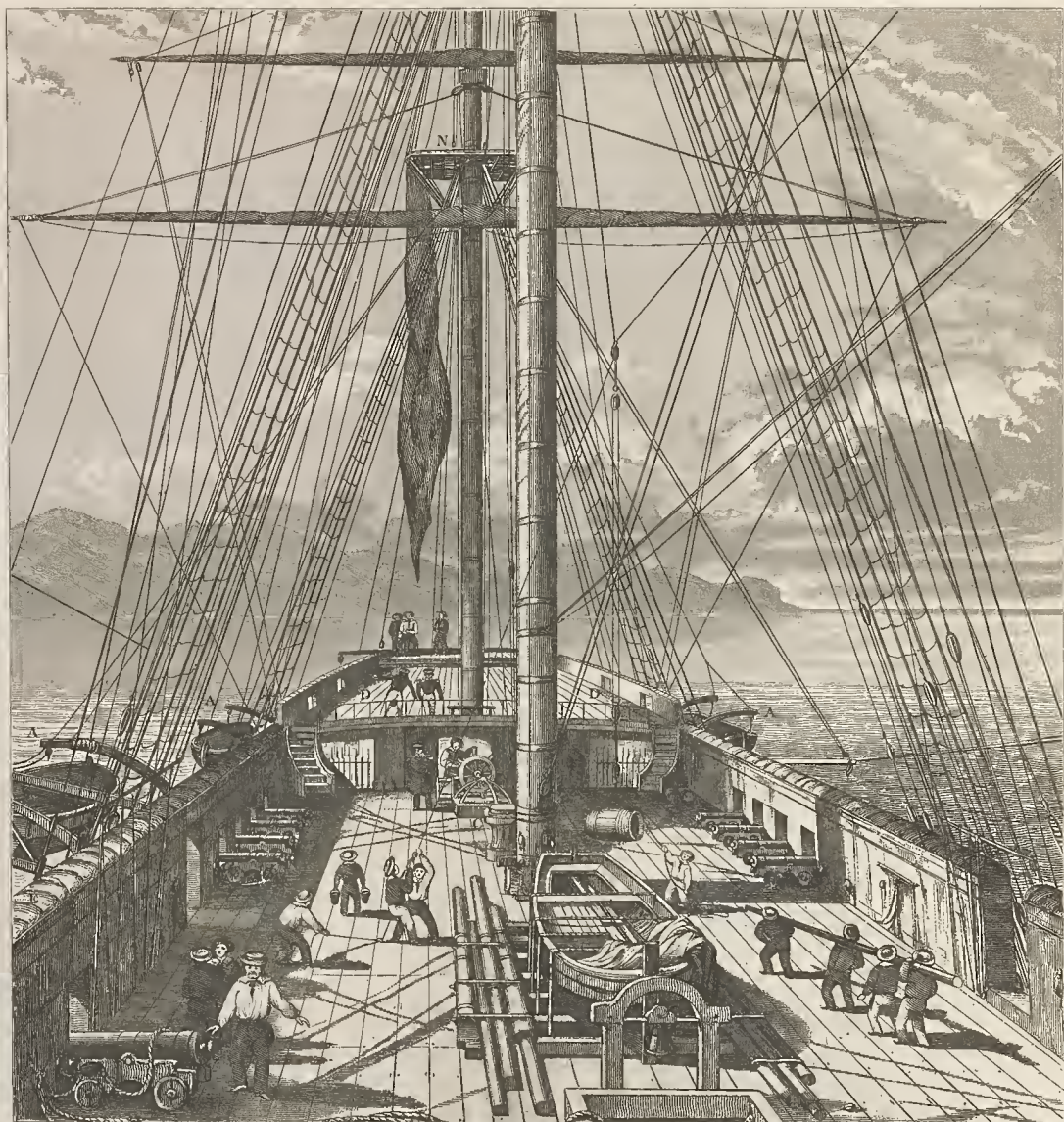
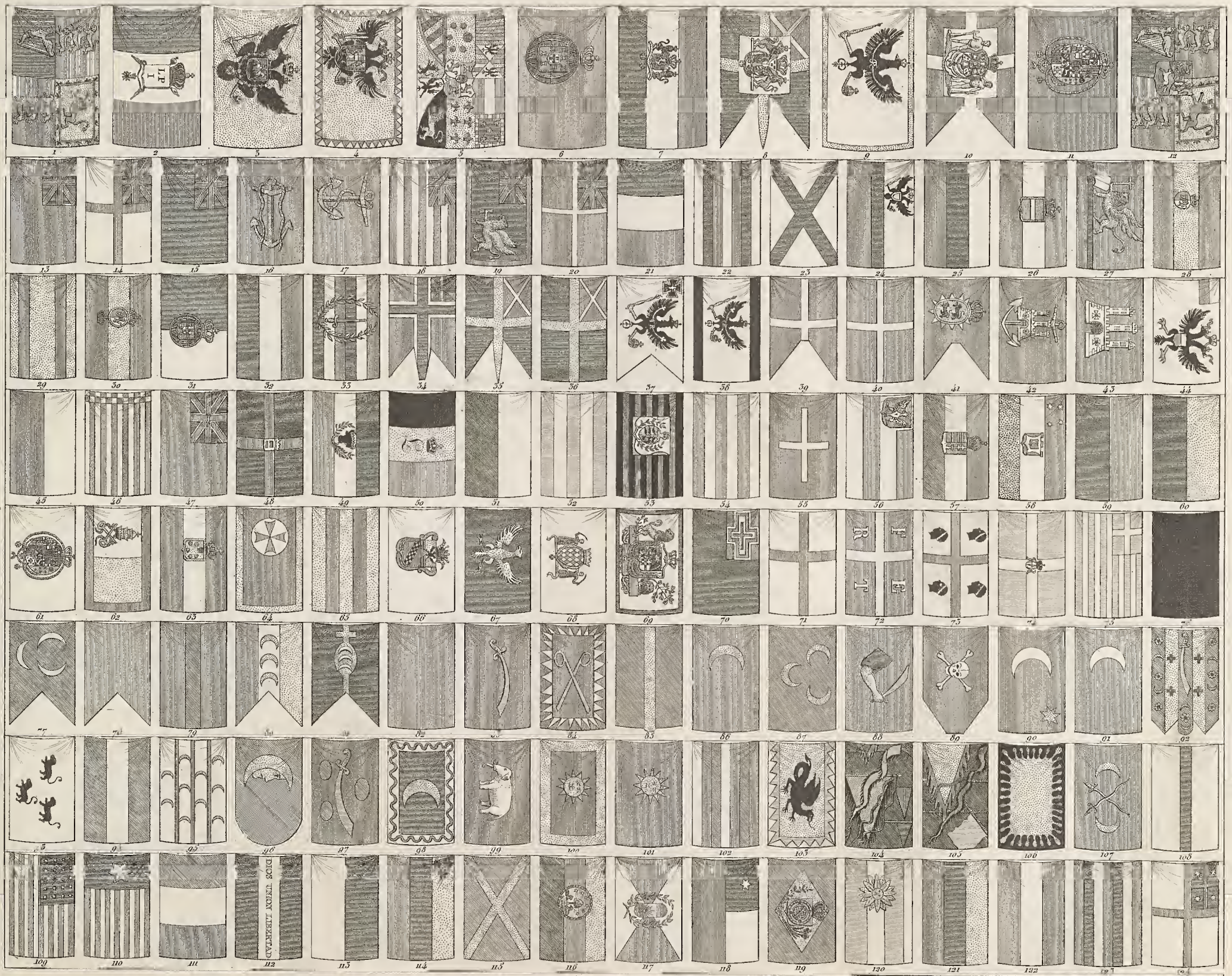




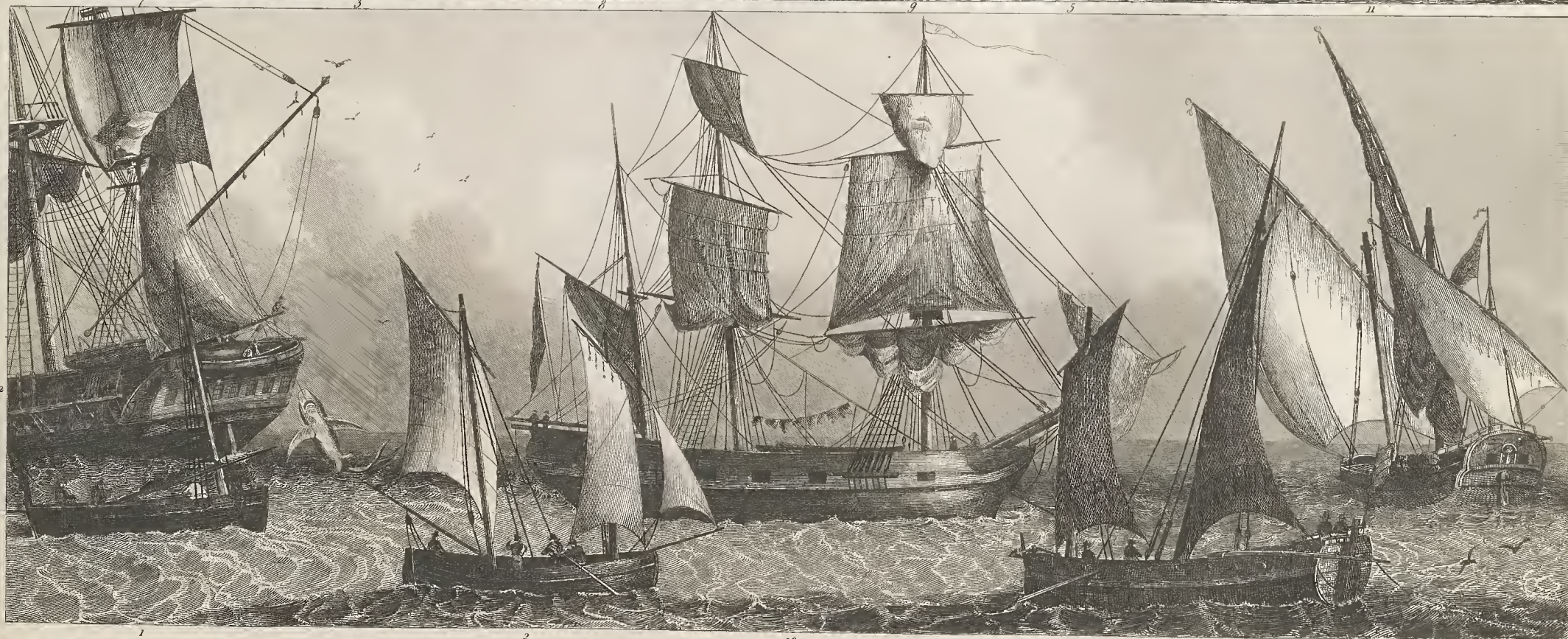
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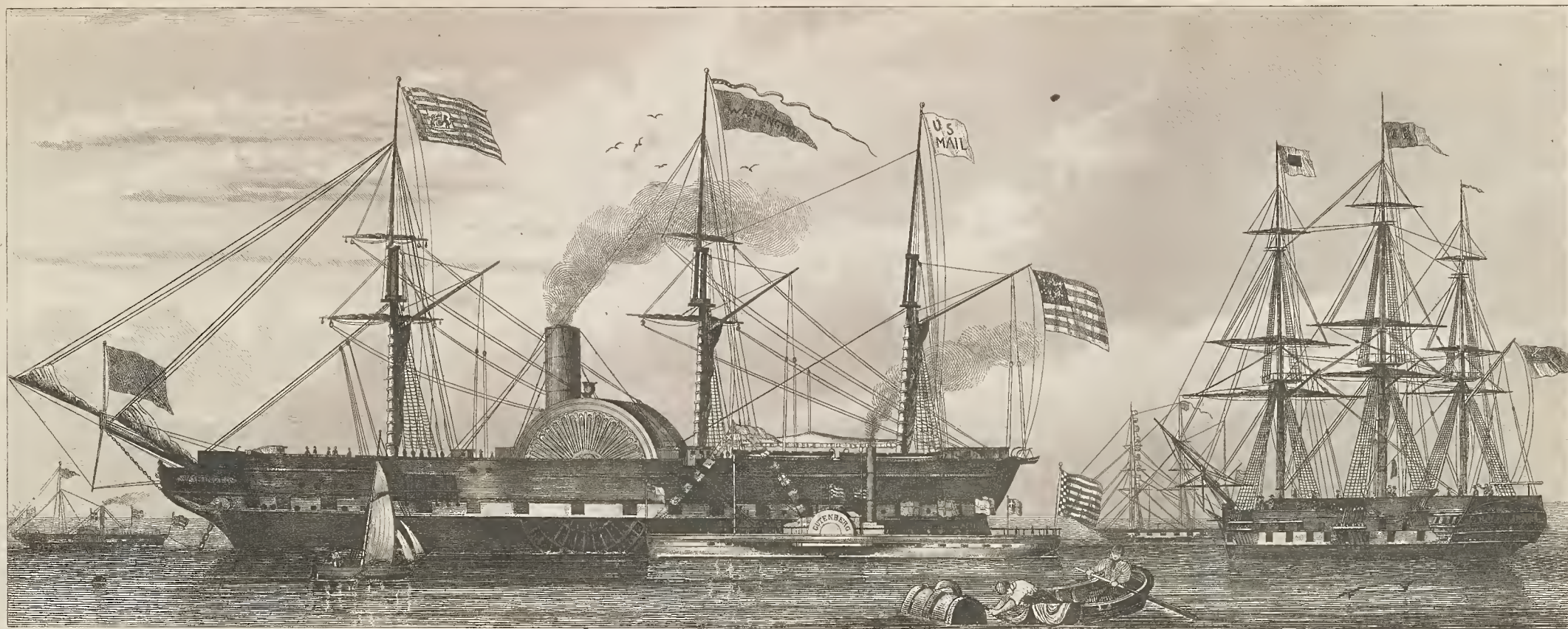




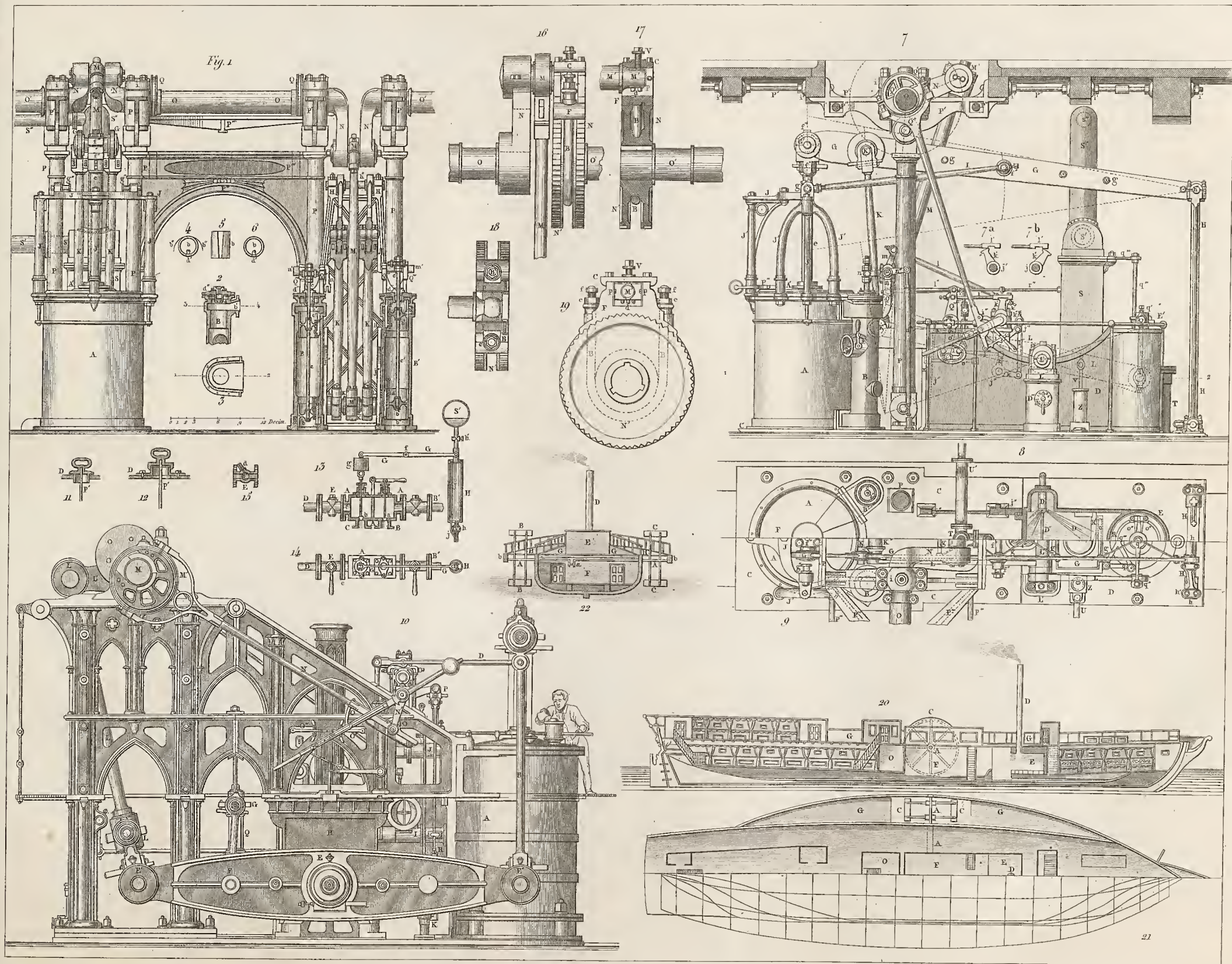


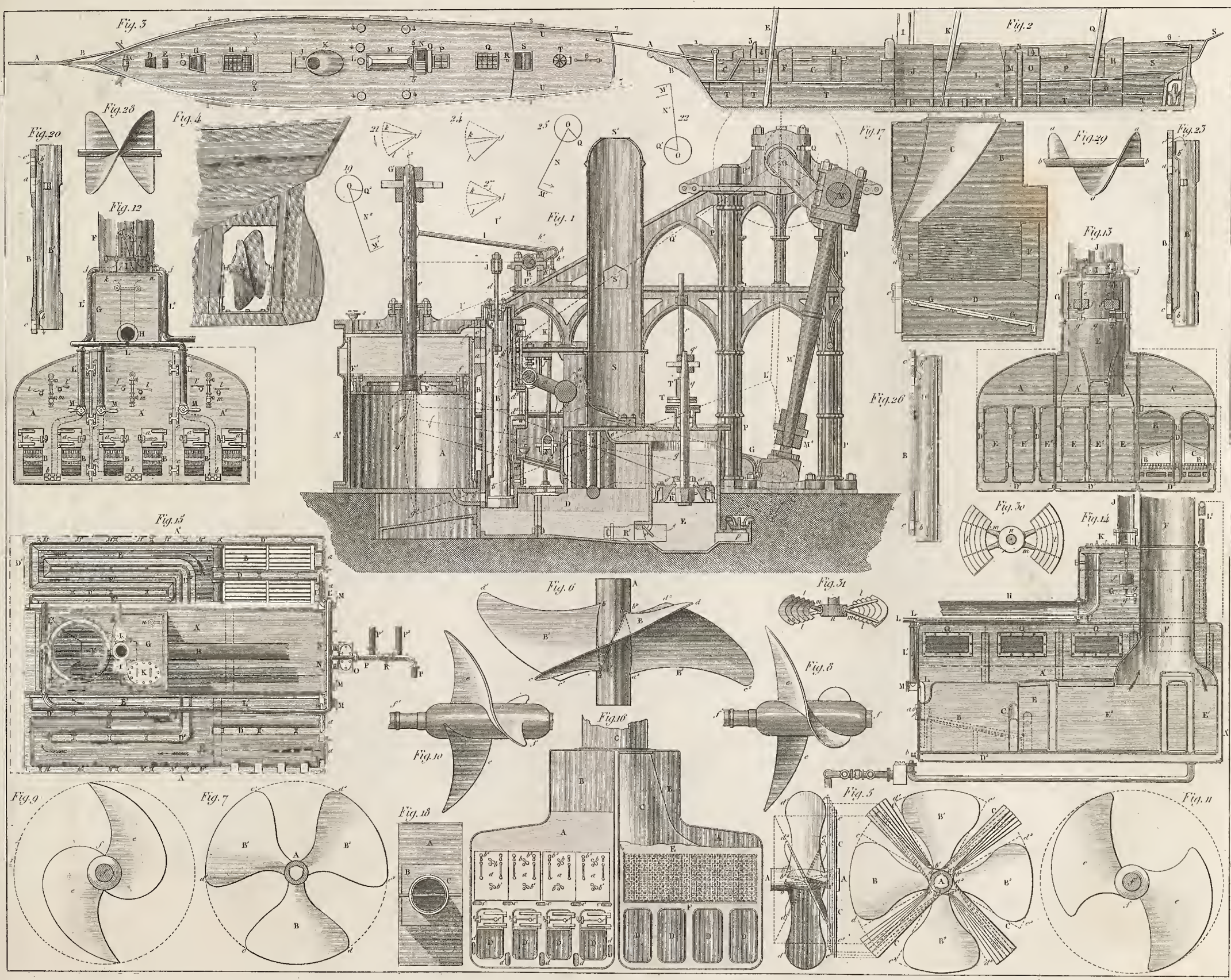




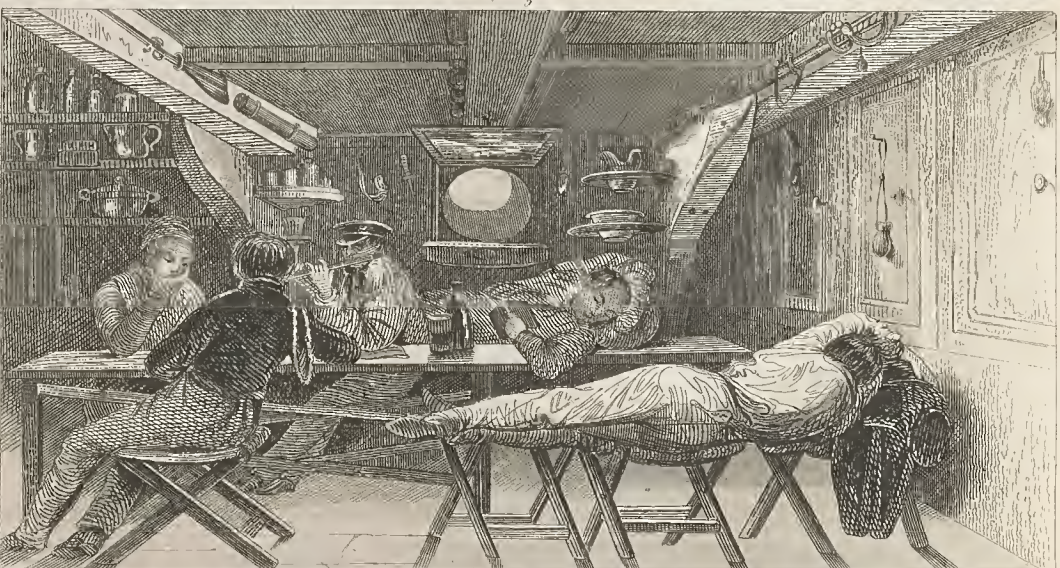
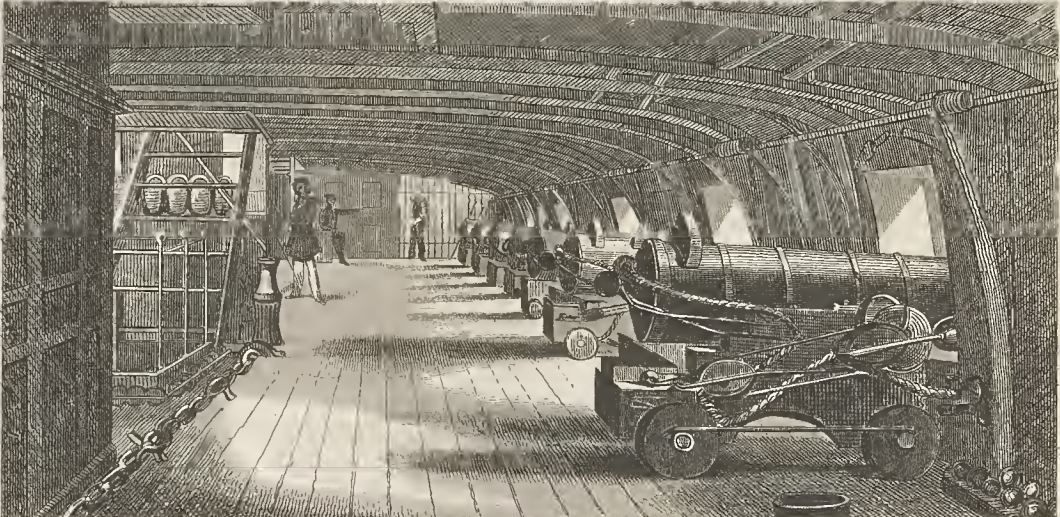
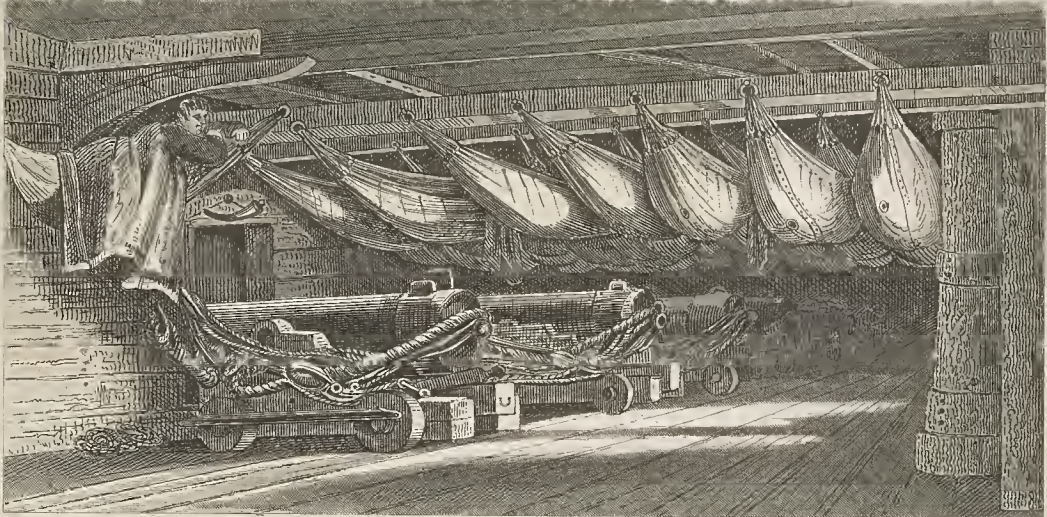
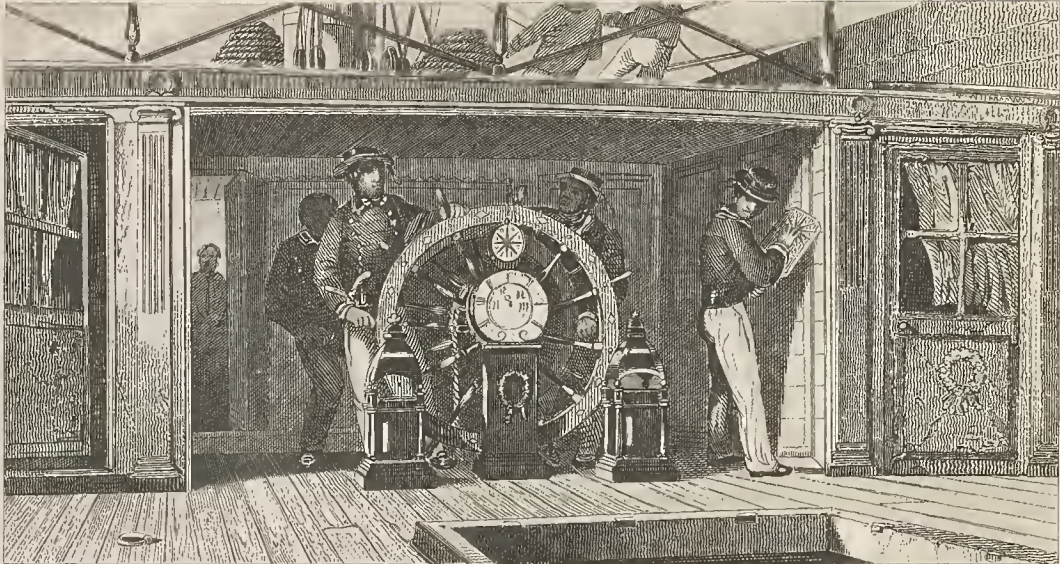


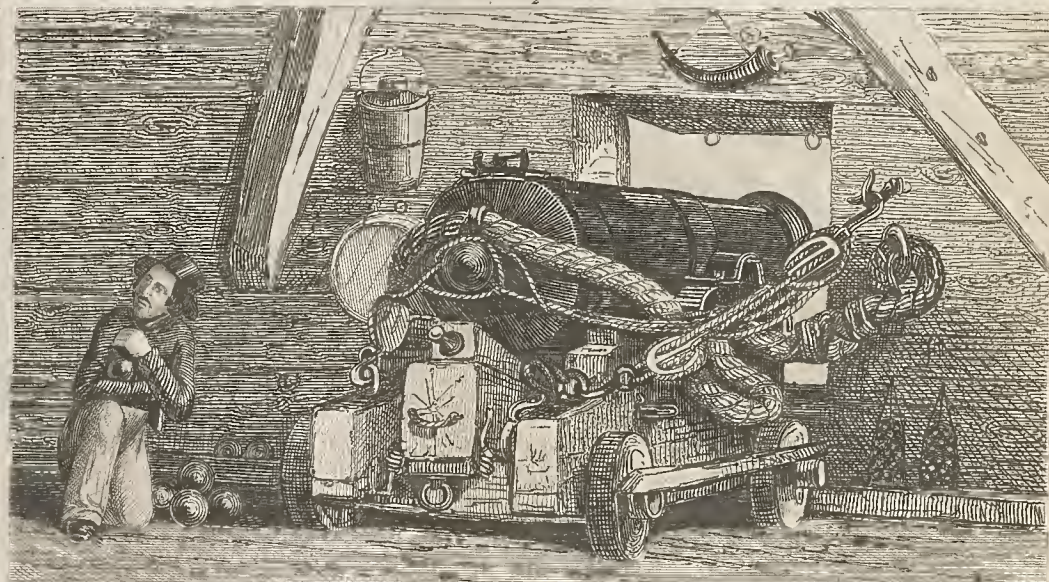
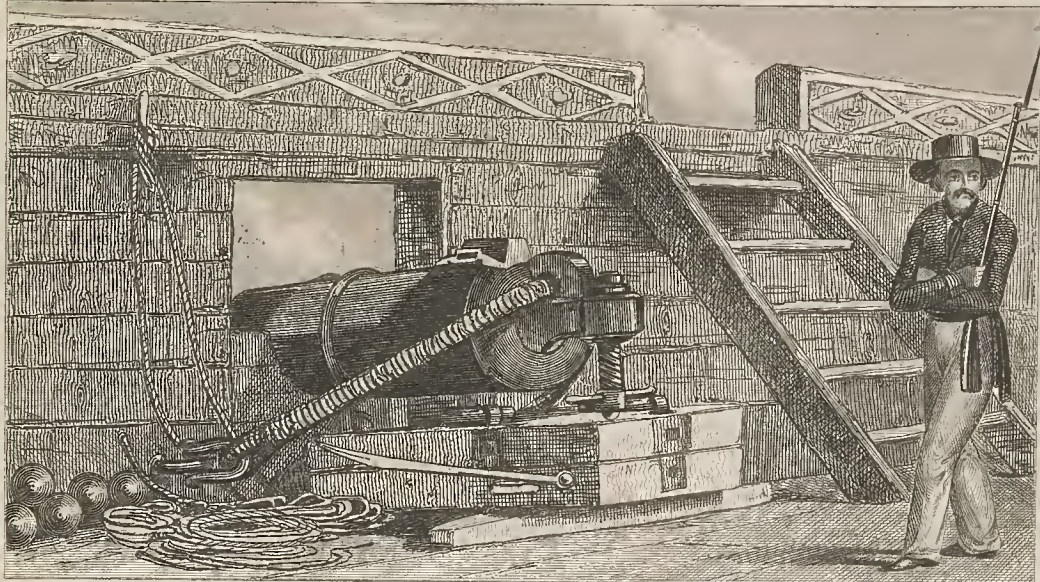
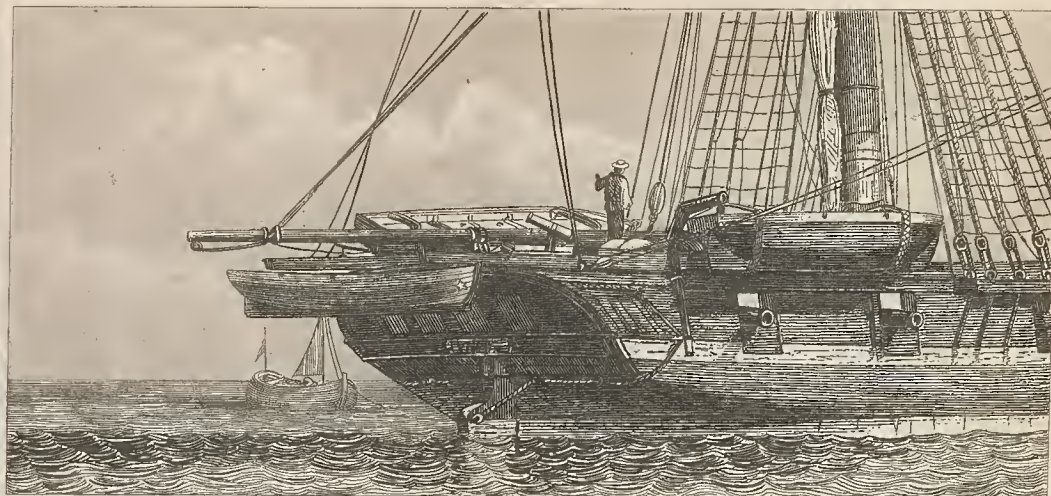
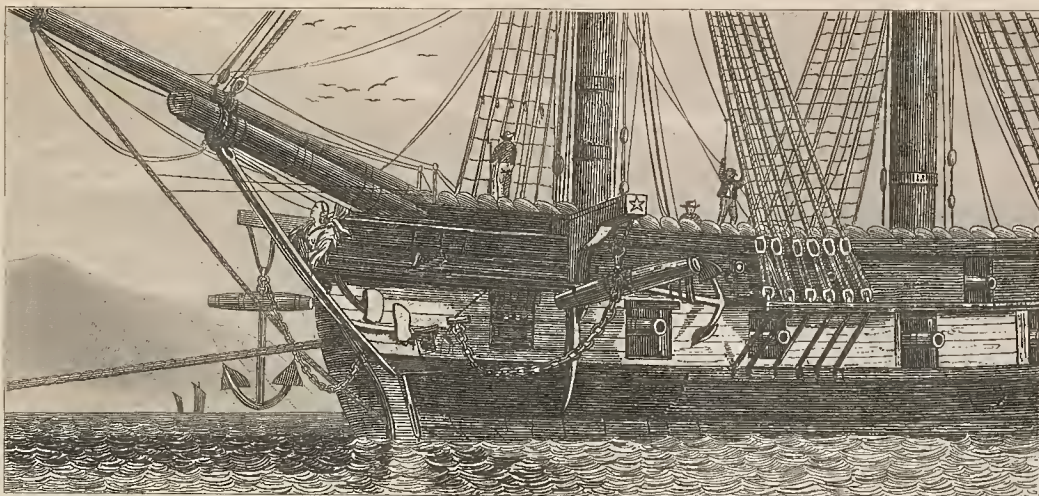


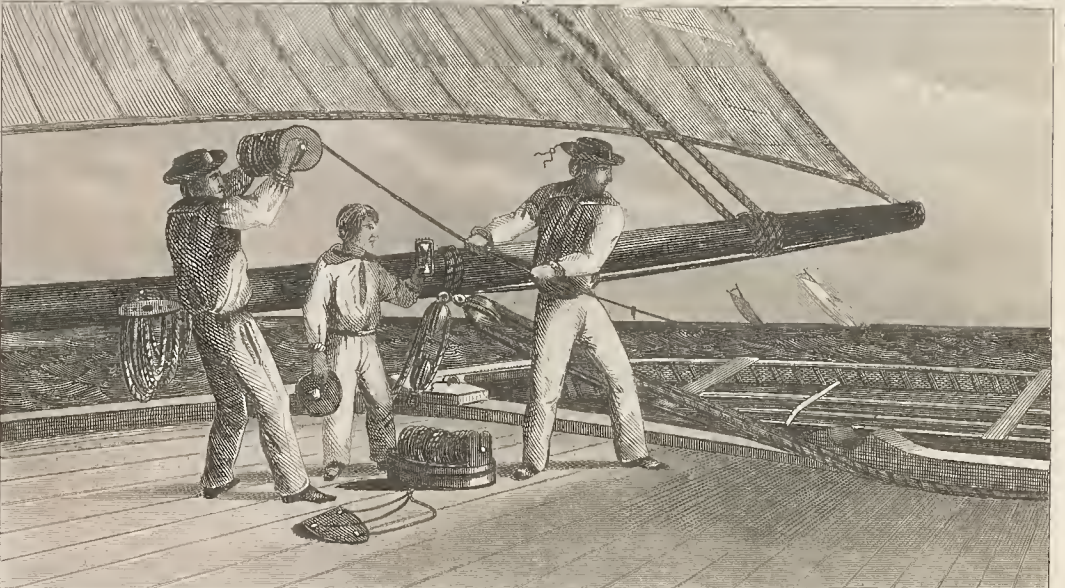
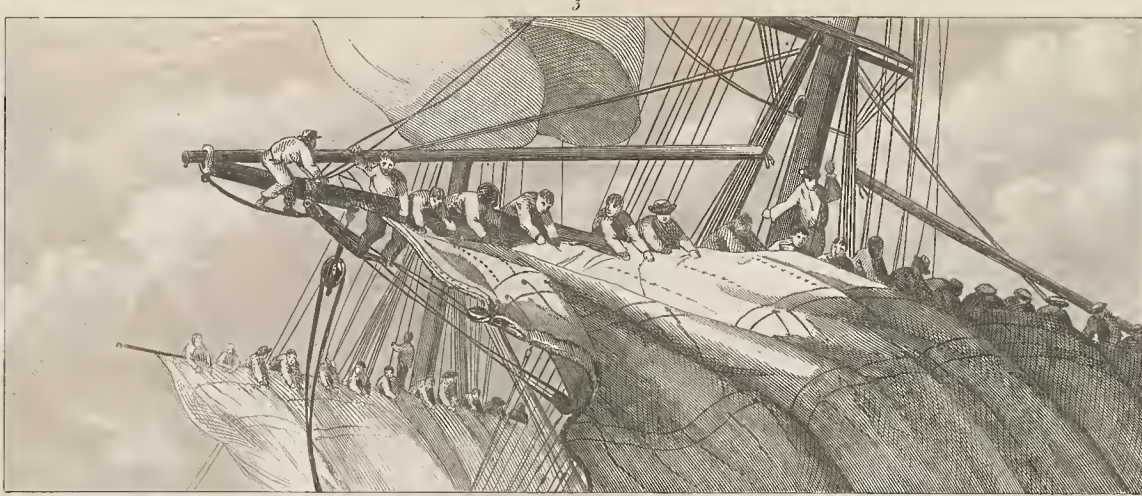














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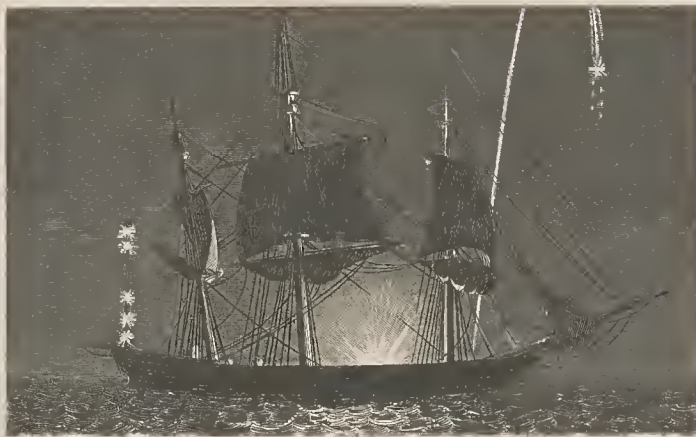
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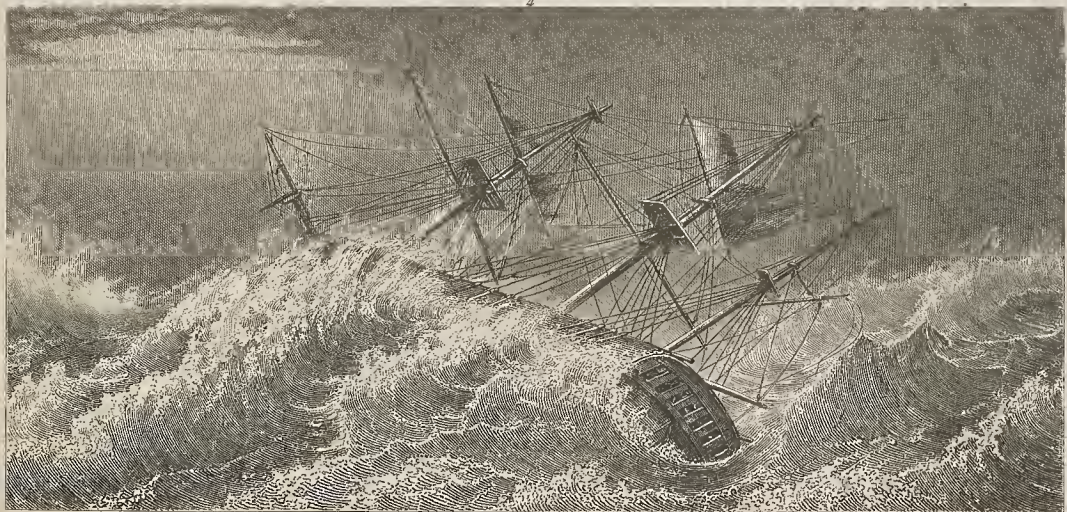
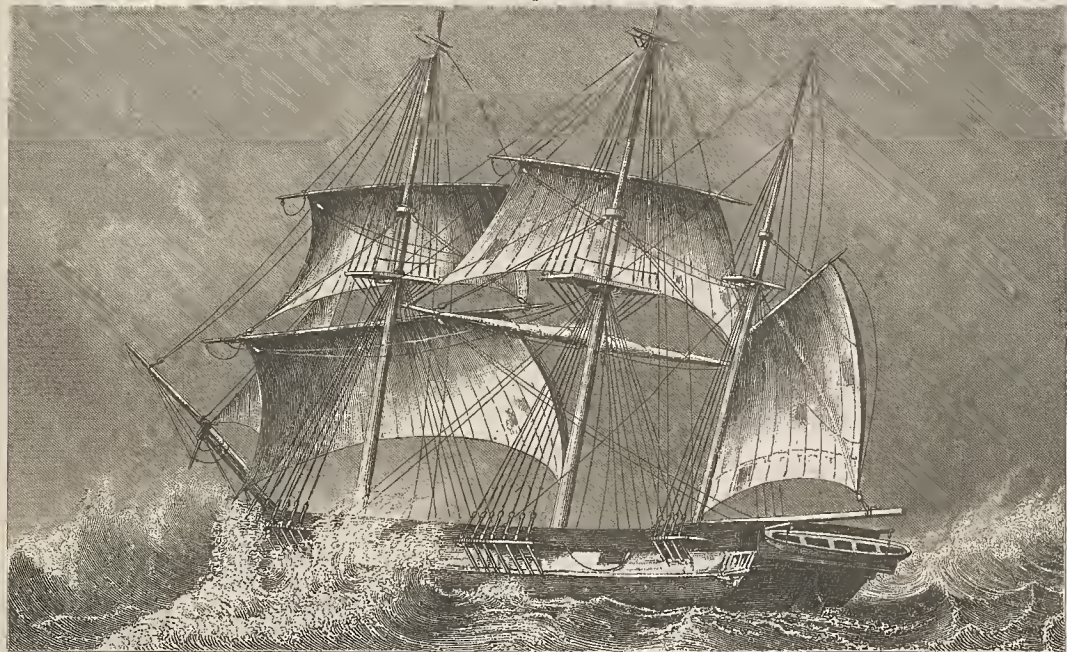
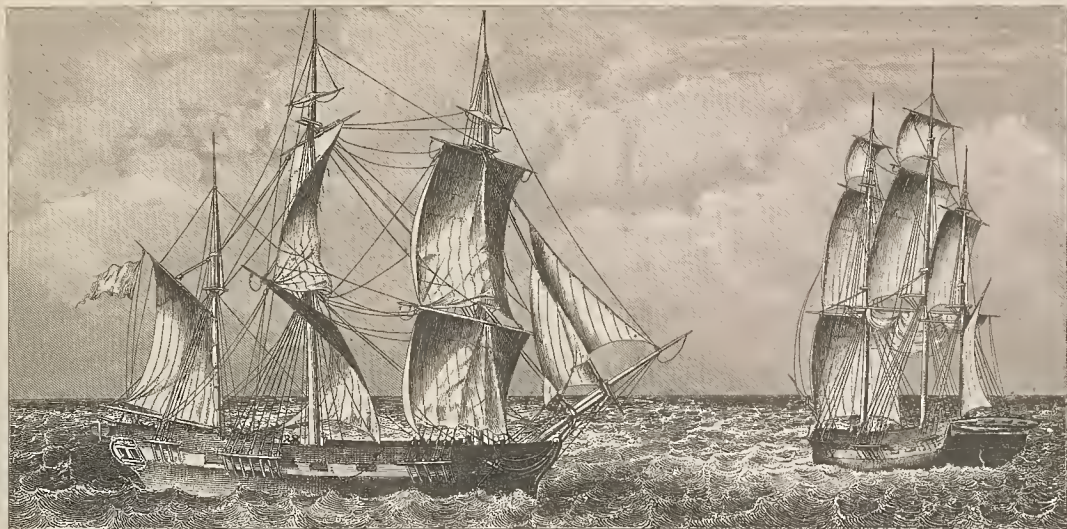
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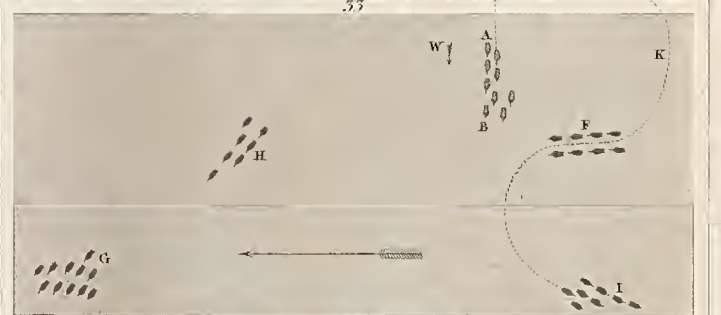
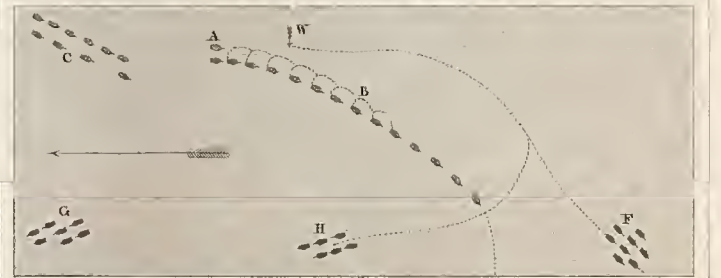
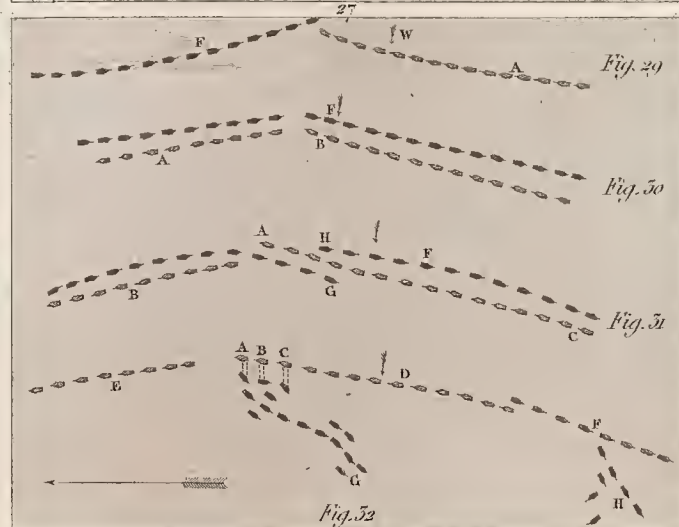
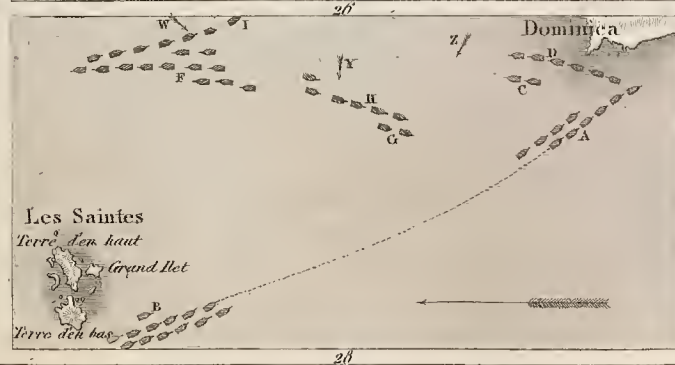
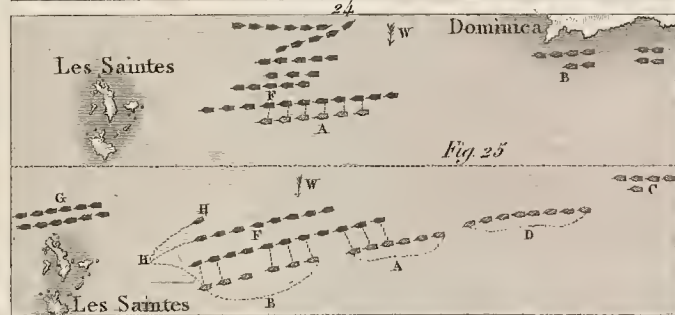
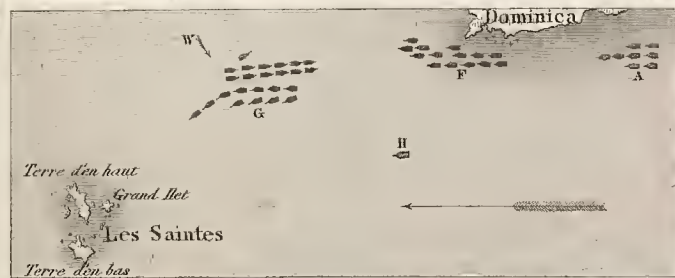
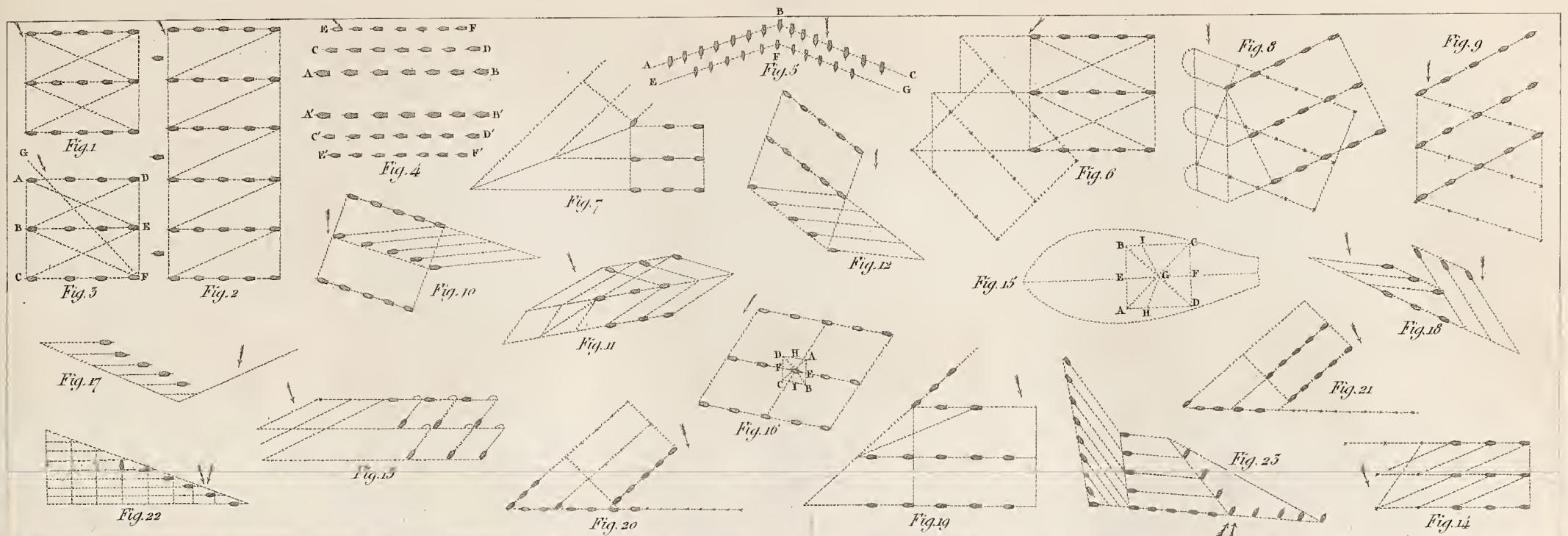


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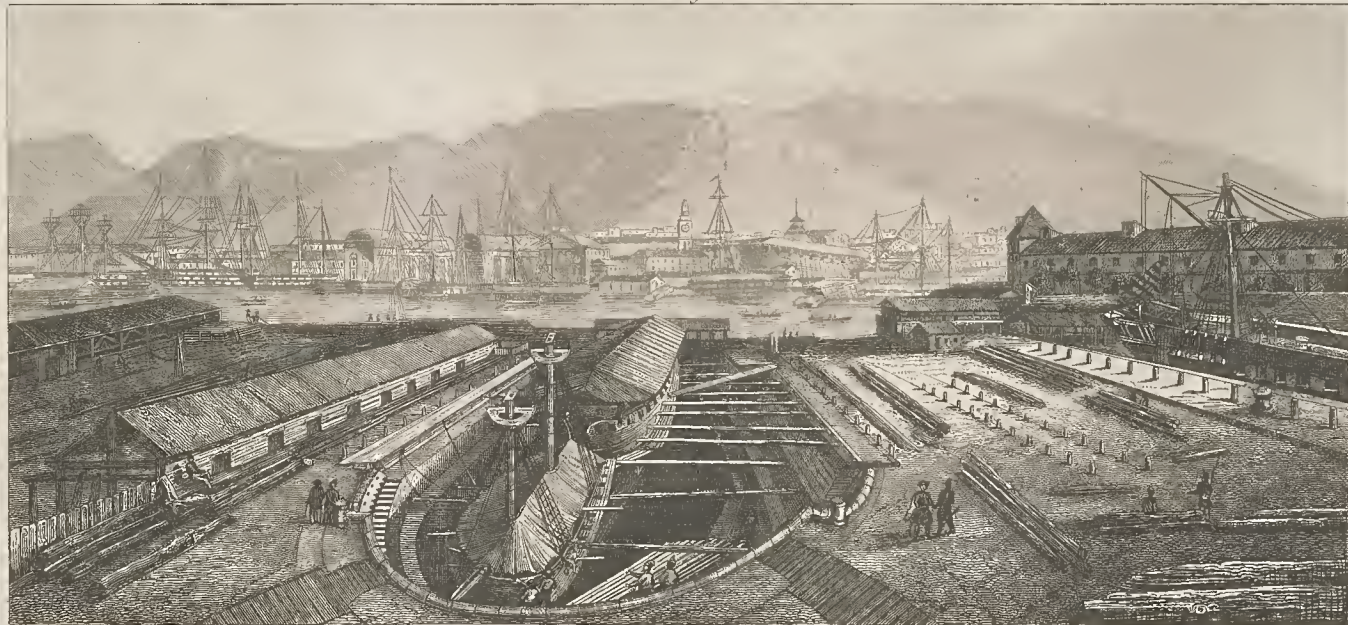
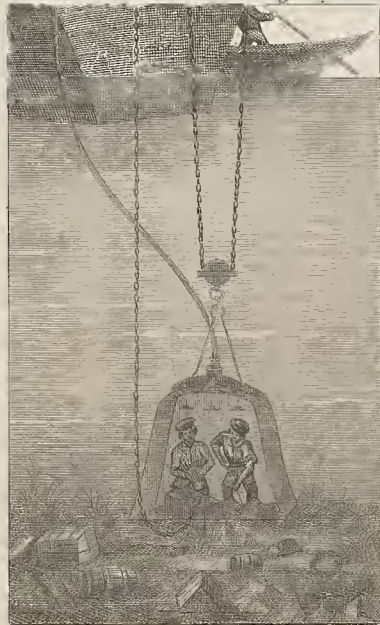
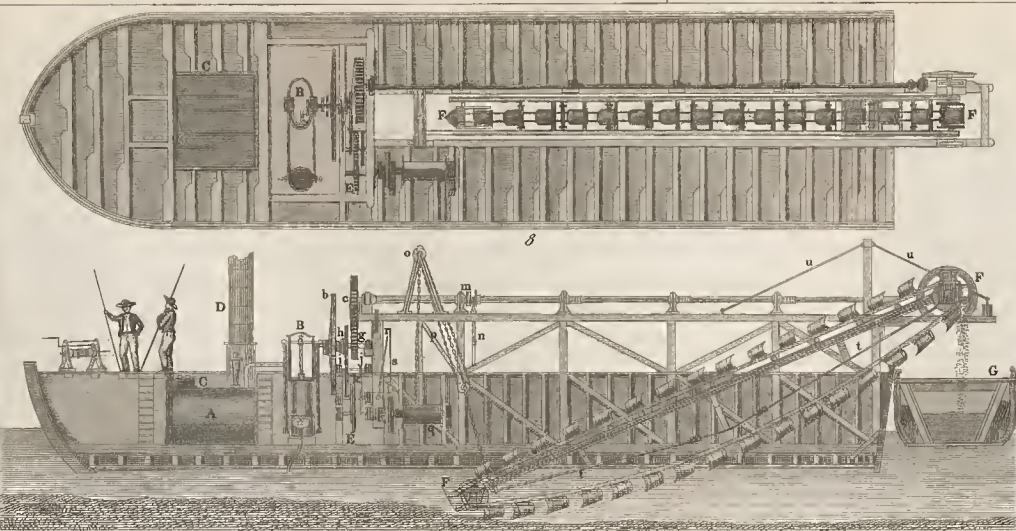
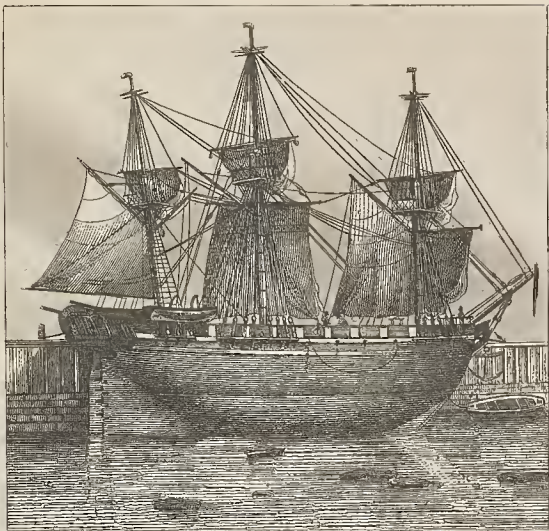


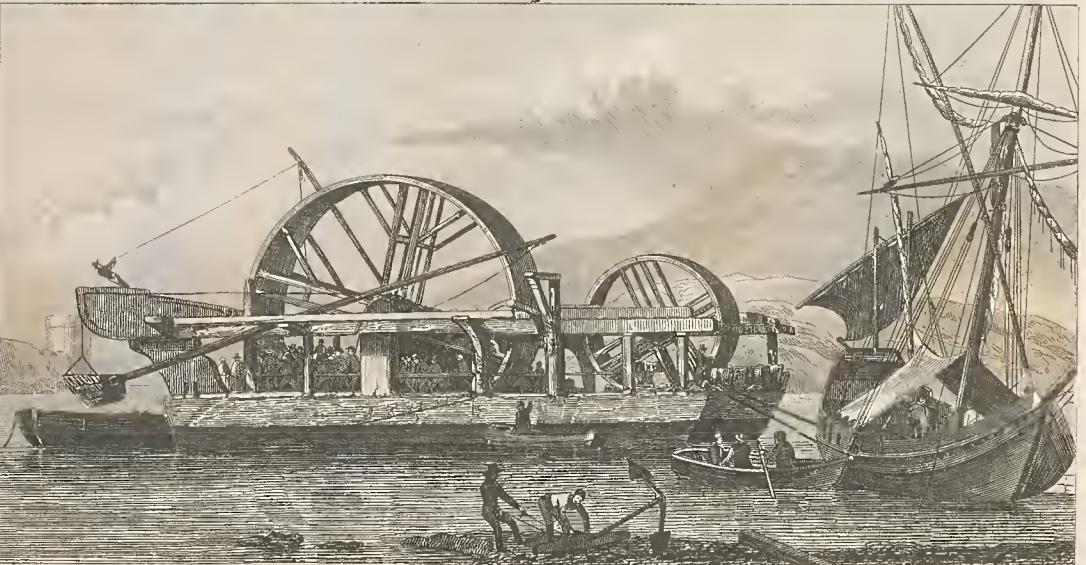


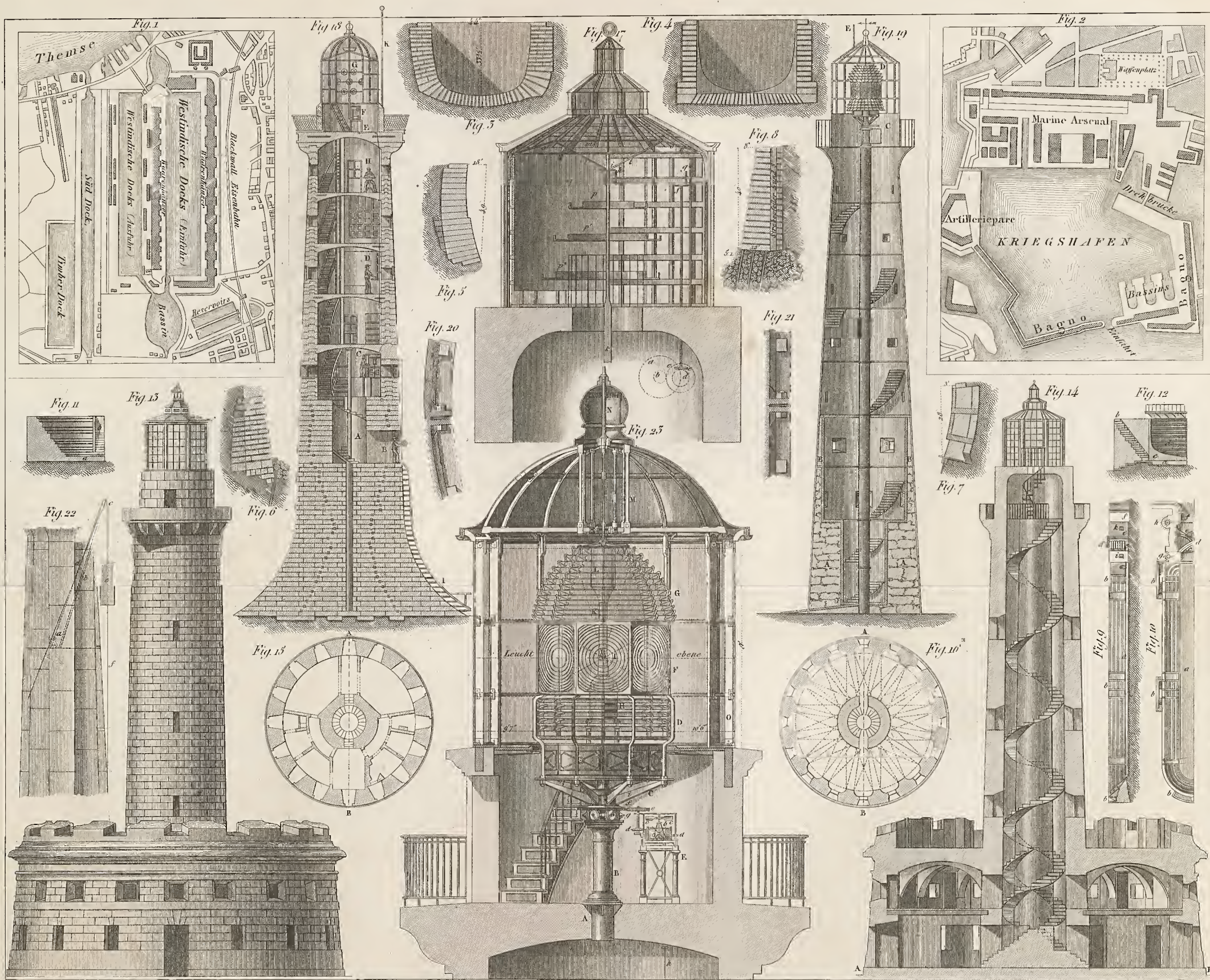


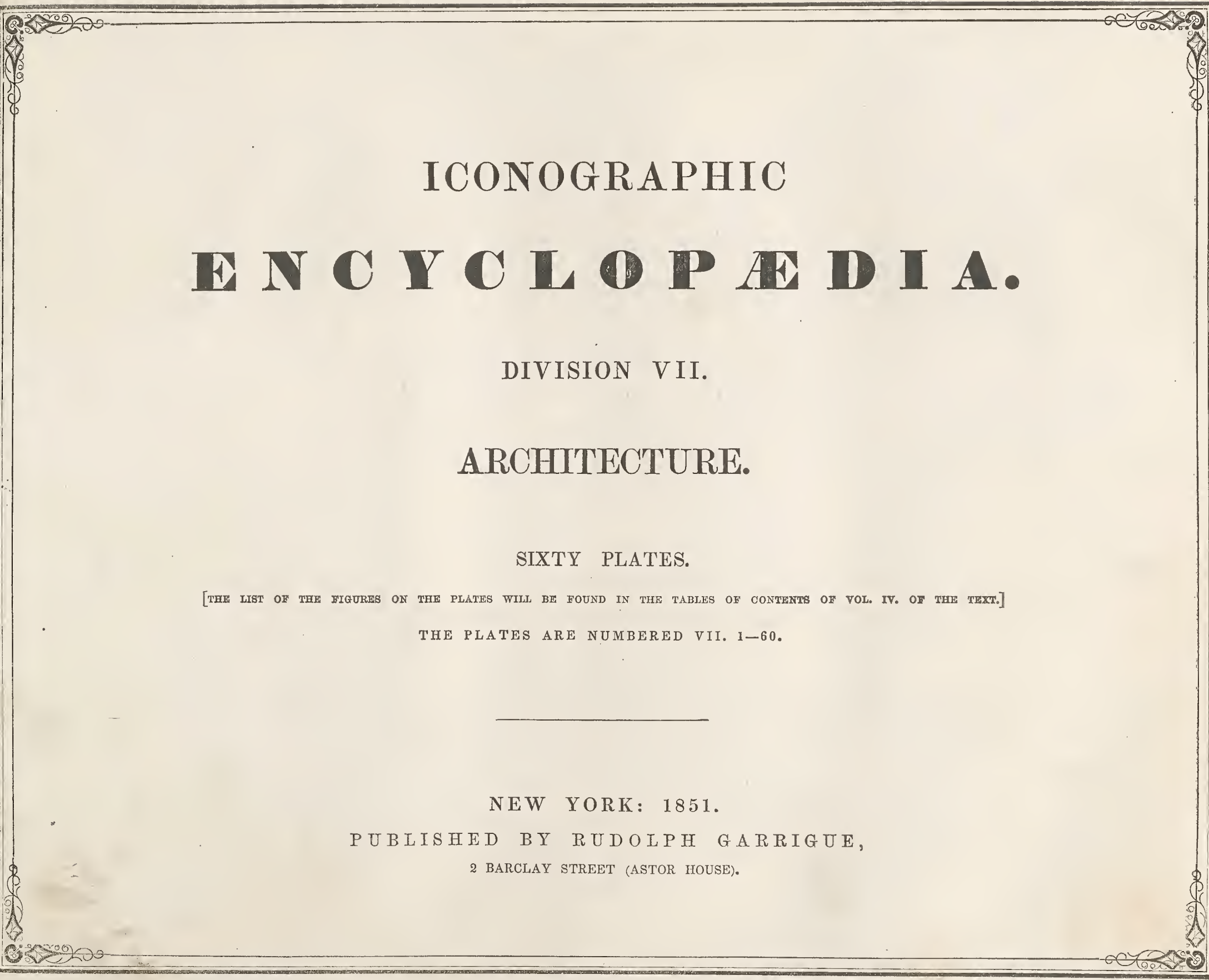












ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION VII.

ARCHITECTURE.

SIXTY PLATES.

[THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. IV. OF THE TEXT.]

THE PLATES ARE NUMBERED VII. 1—60.

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PHYSICS DEPARTMENT

REPORT

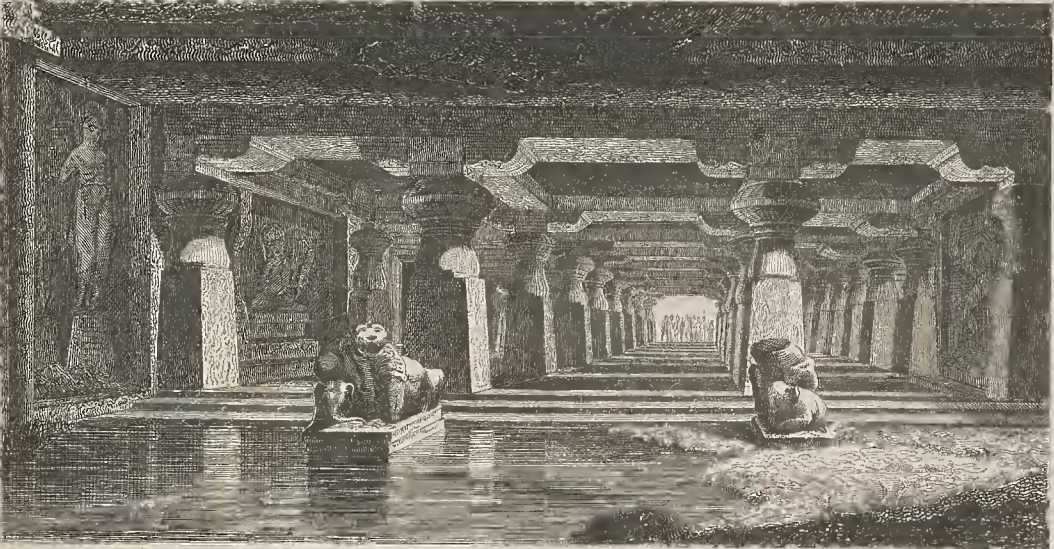
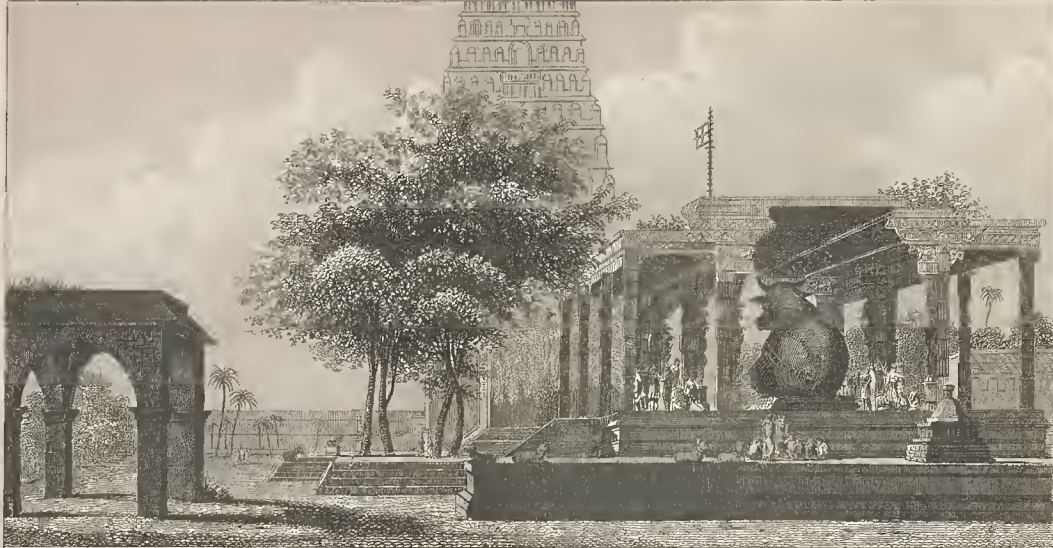
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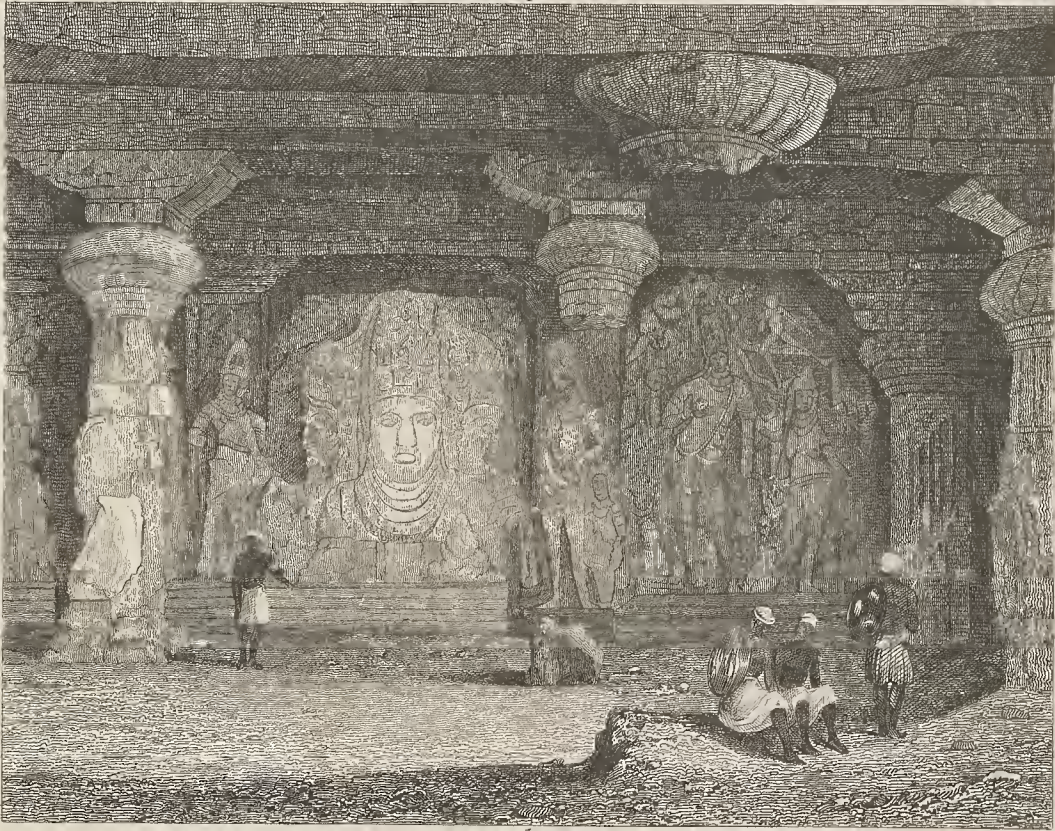
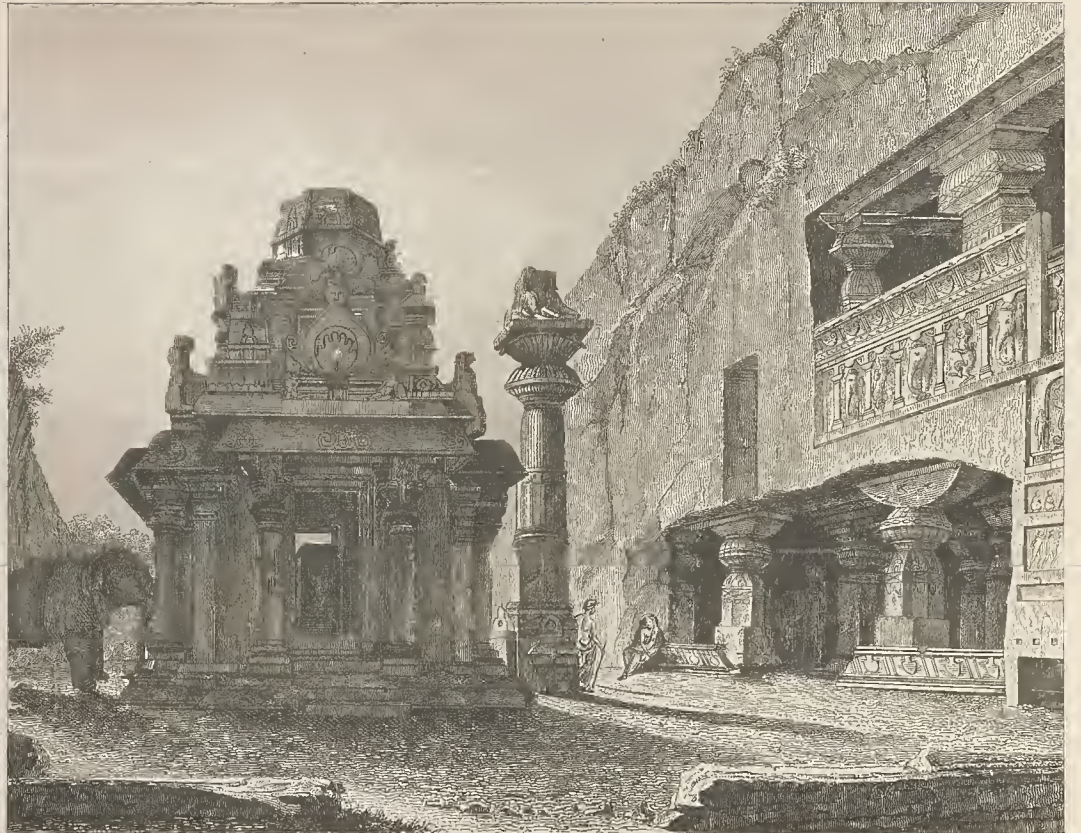
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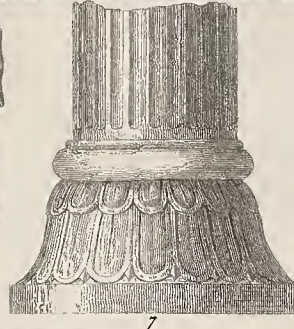
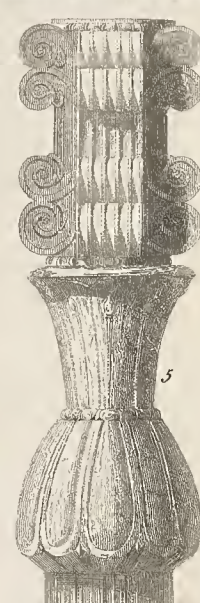
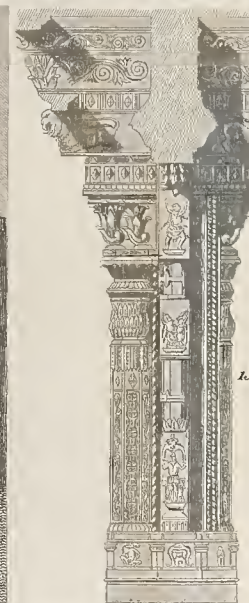
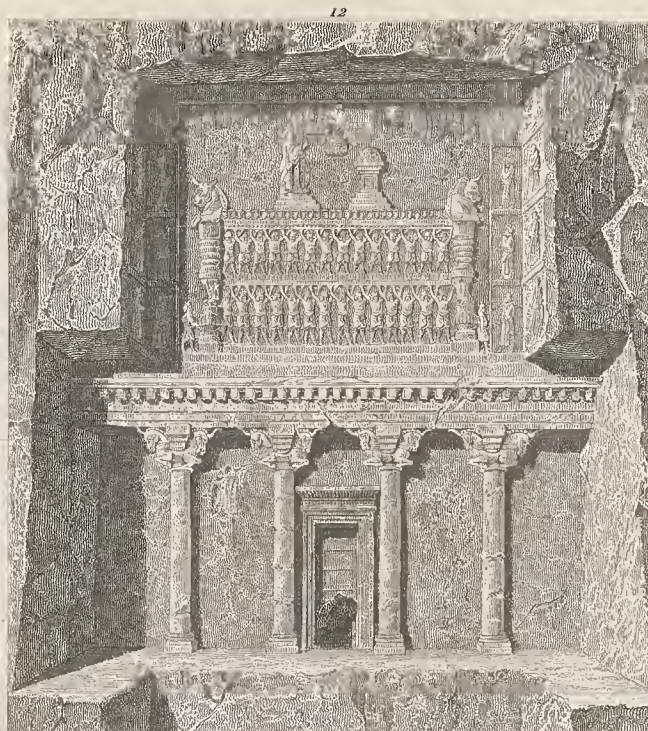
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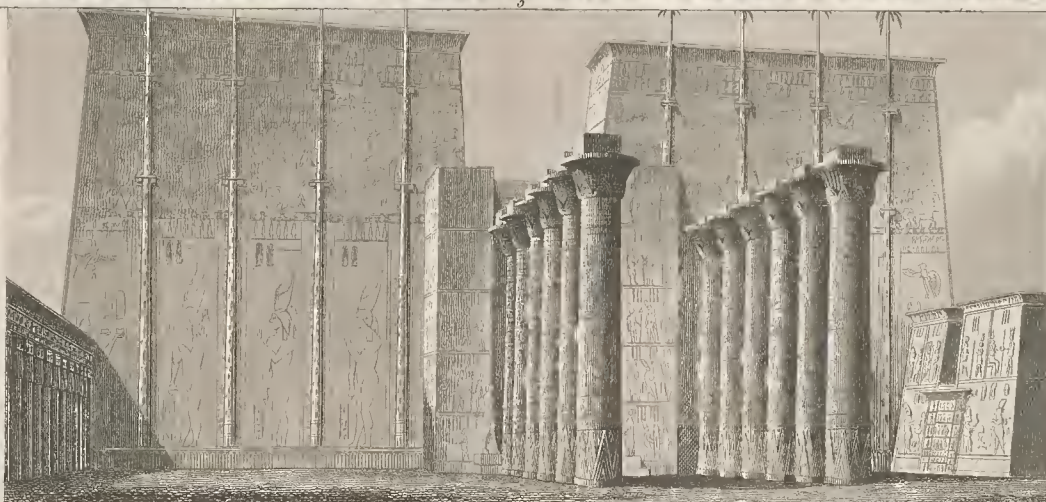
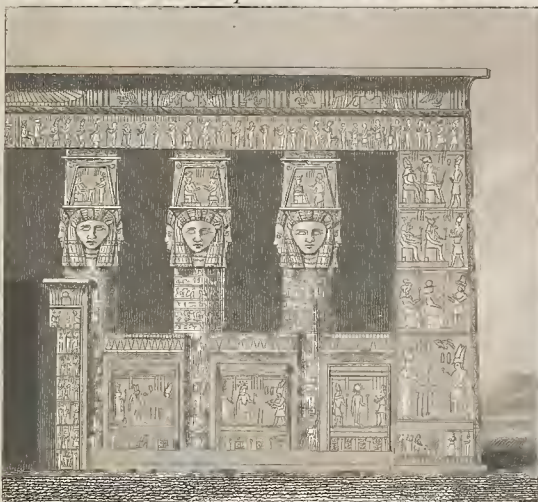
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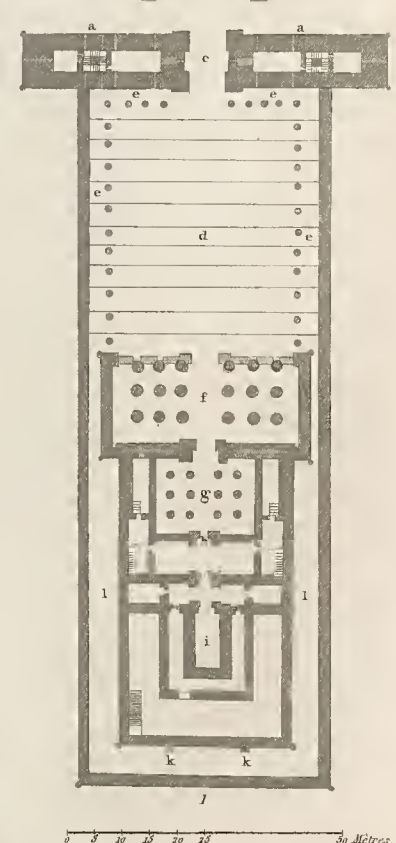
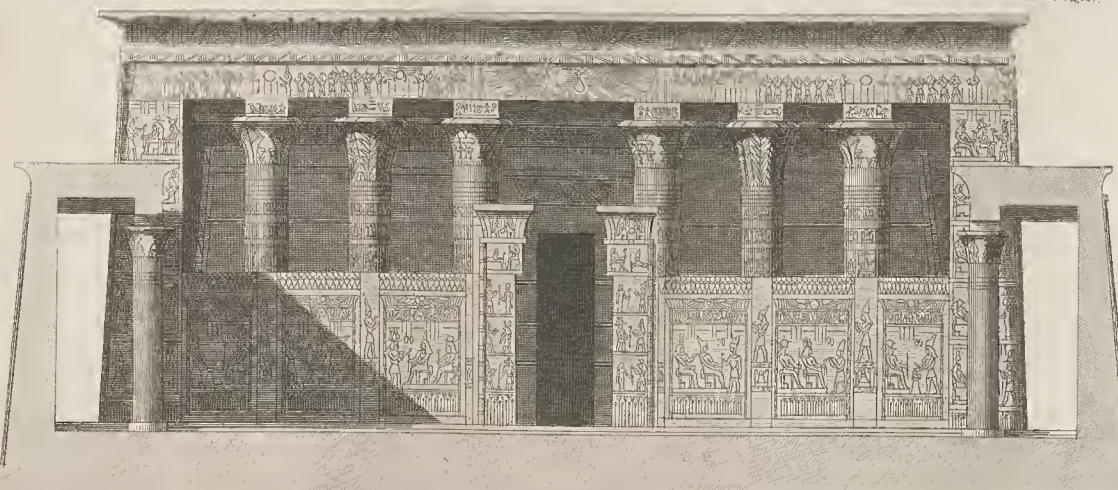
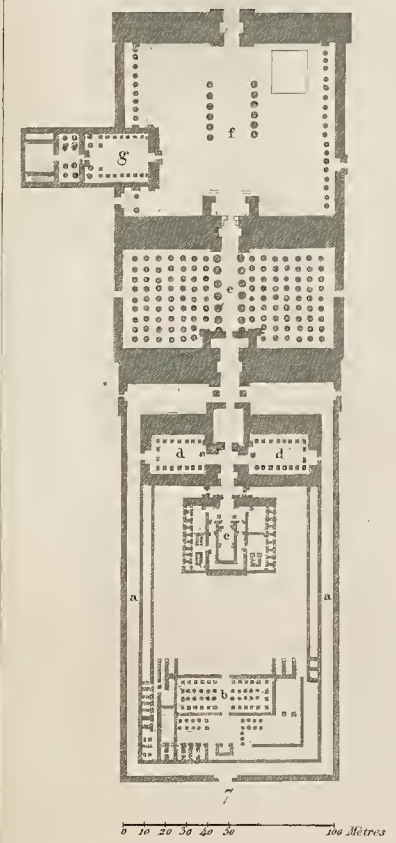
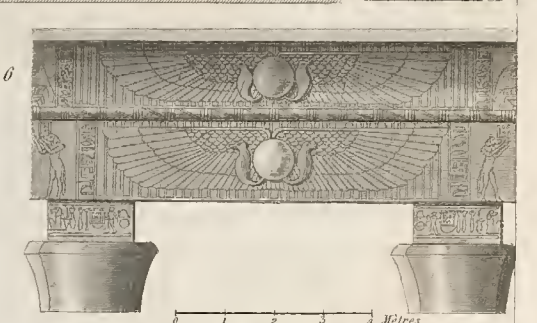
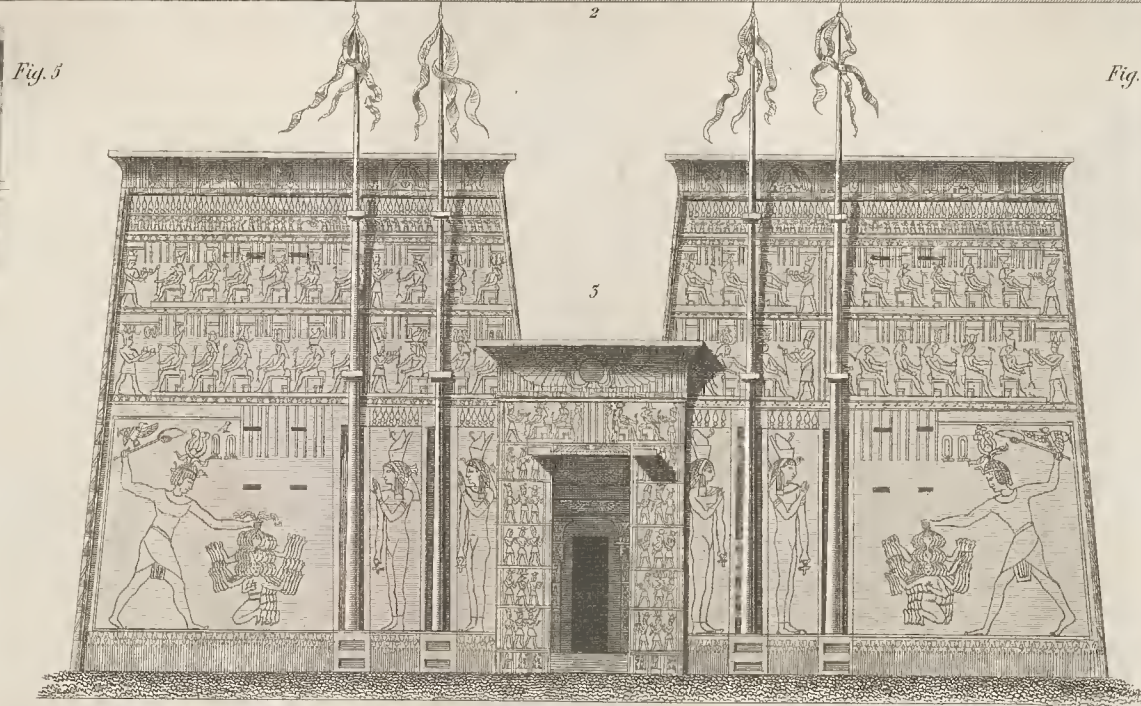
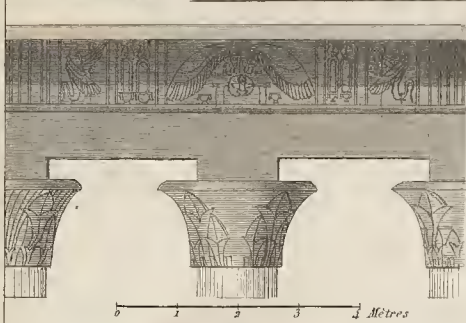
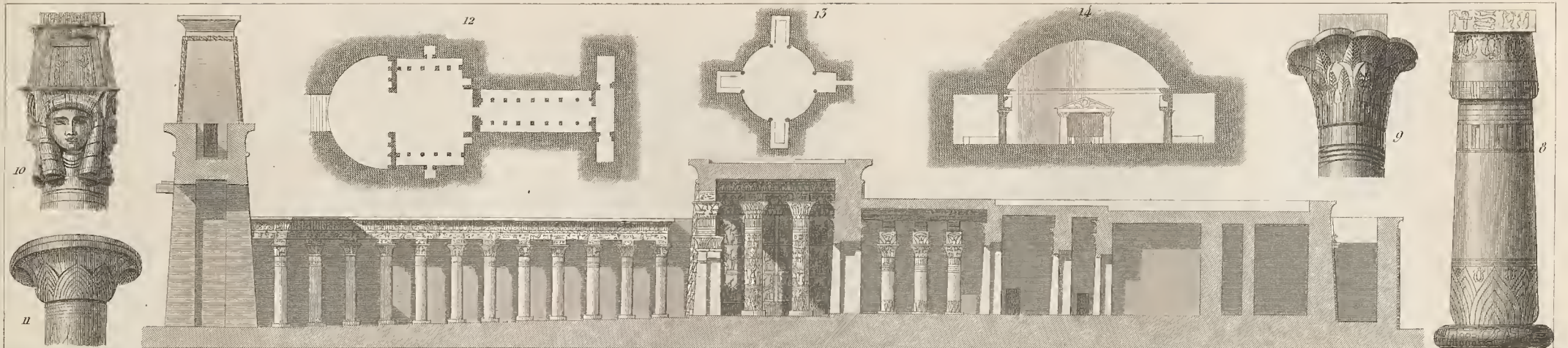


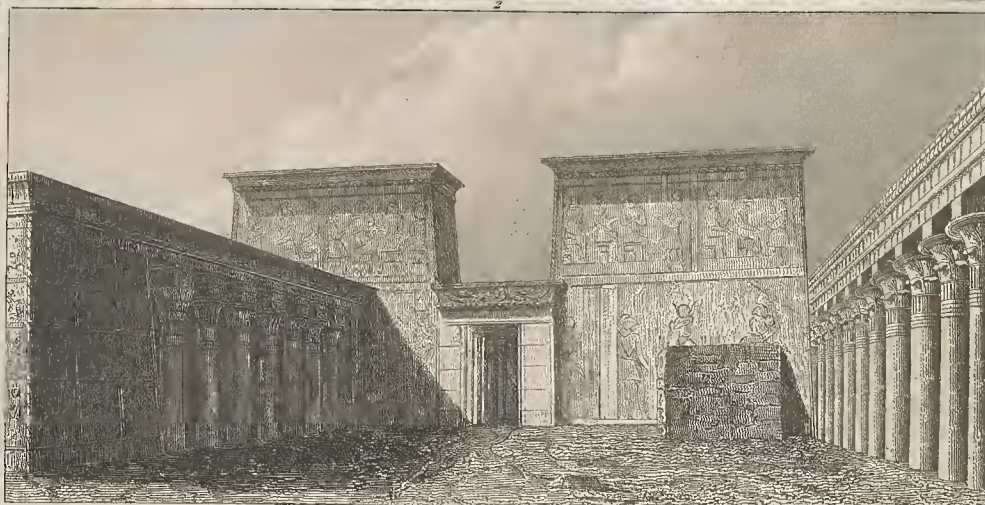
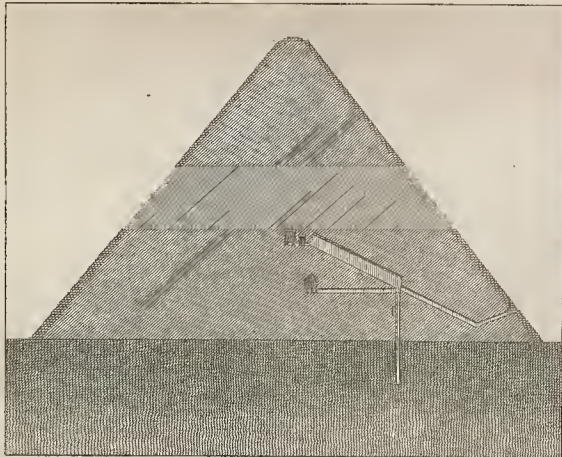


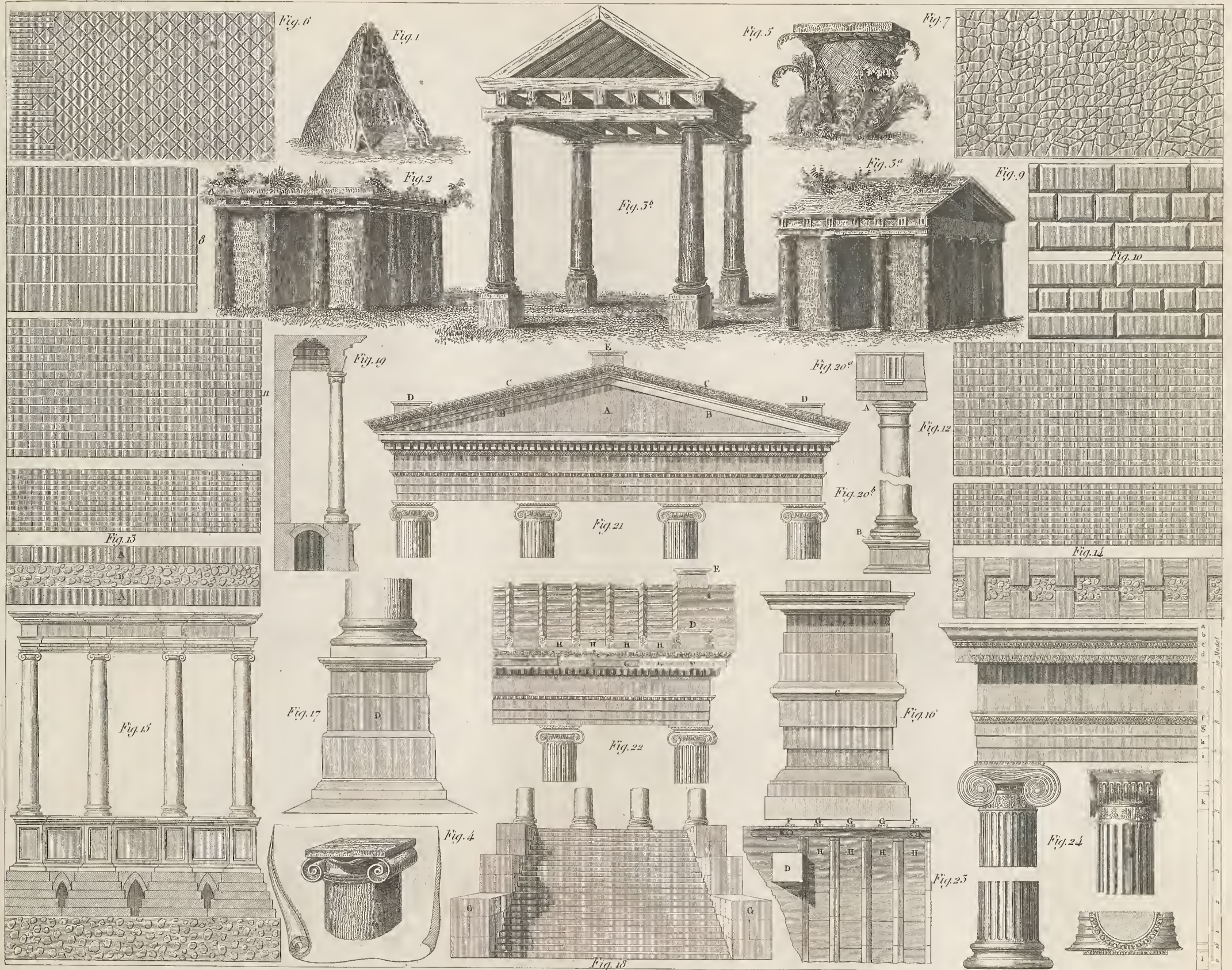


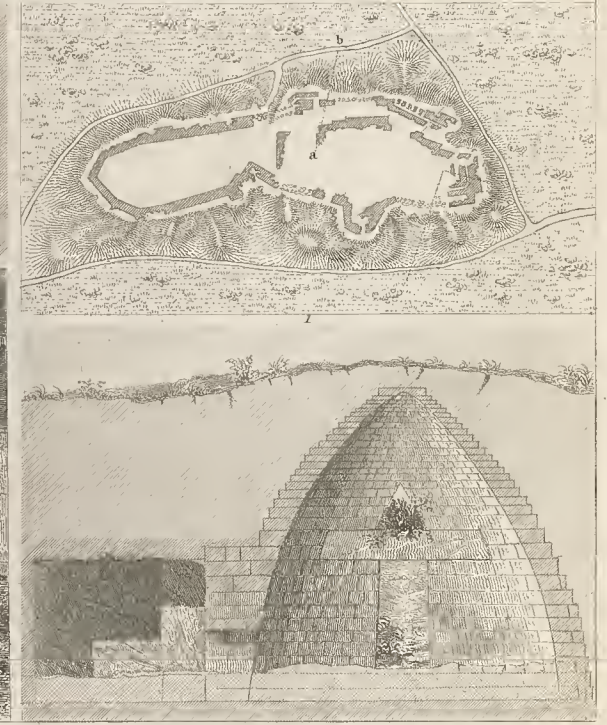
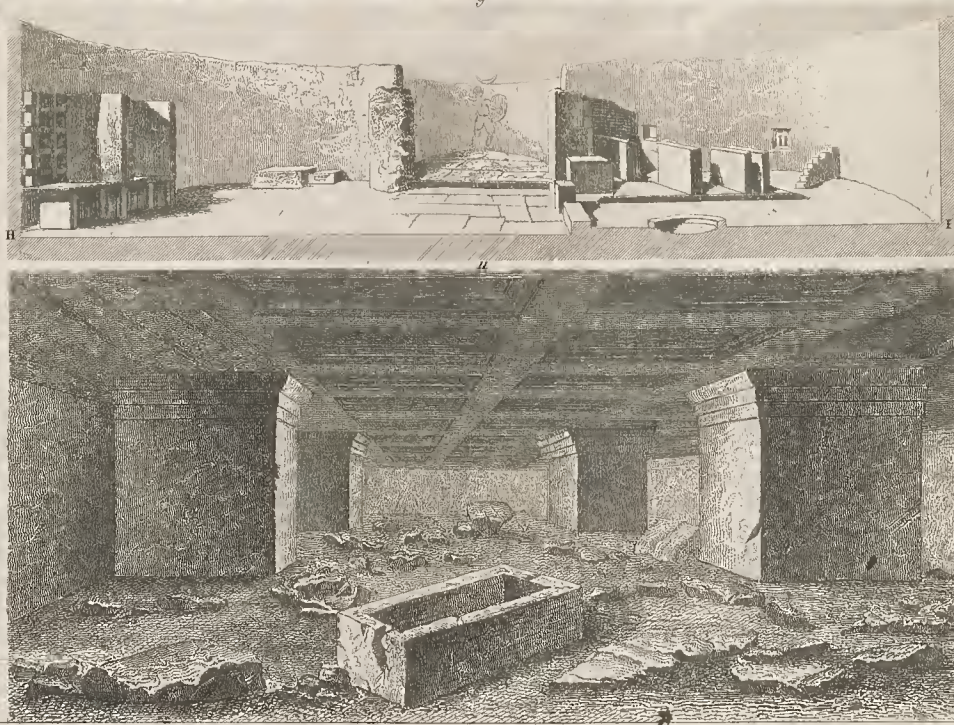
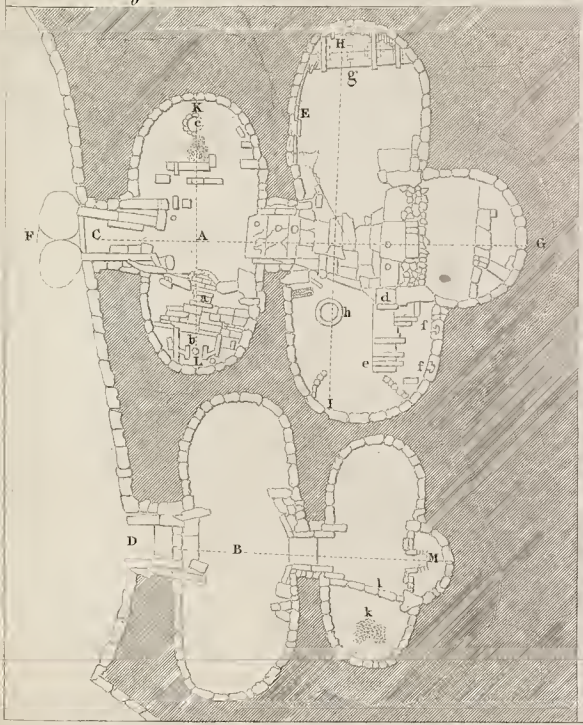
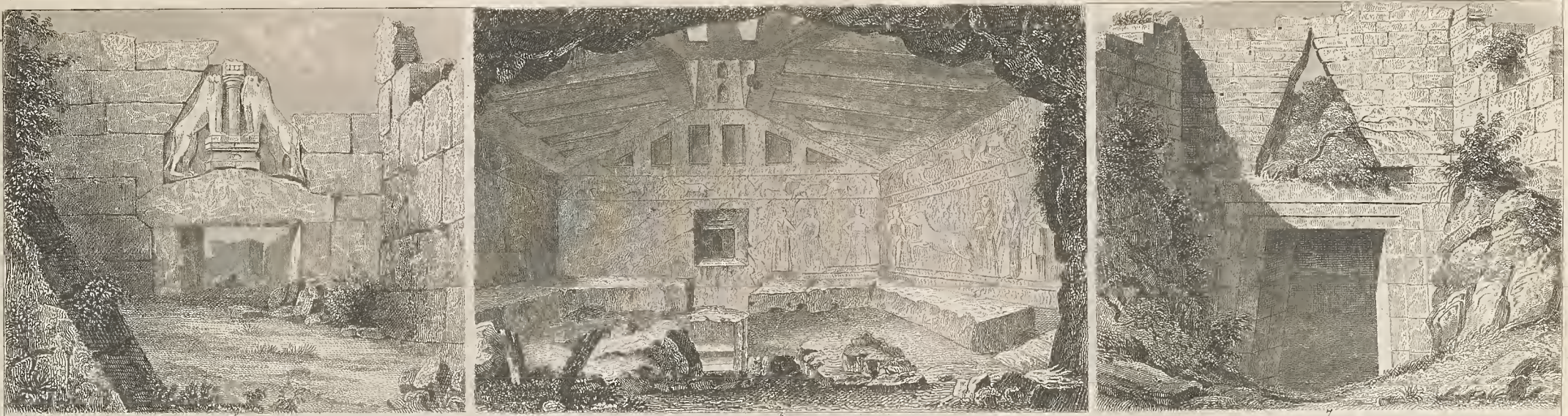


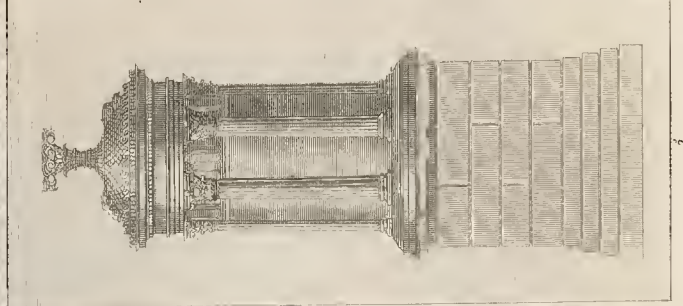
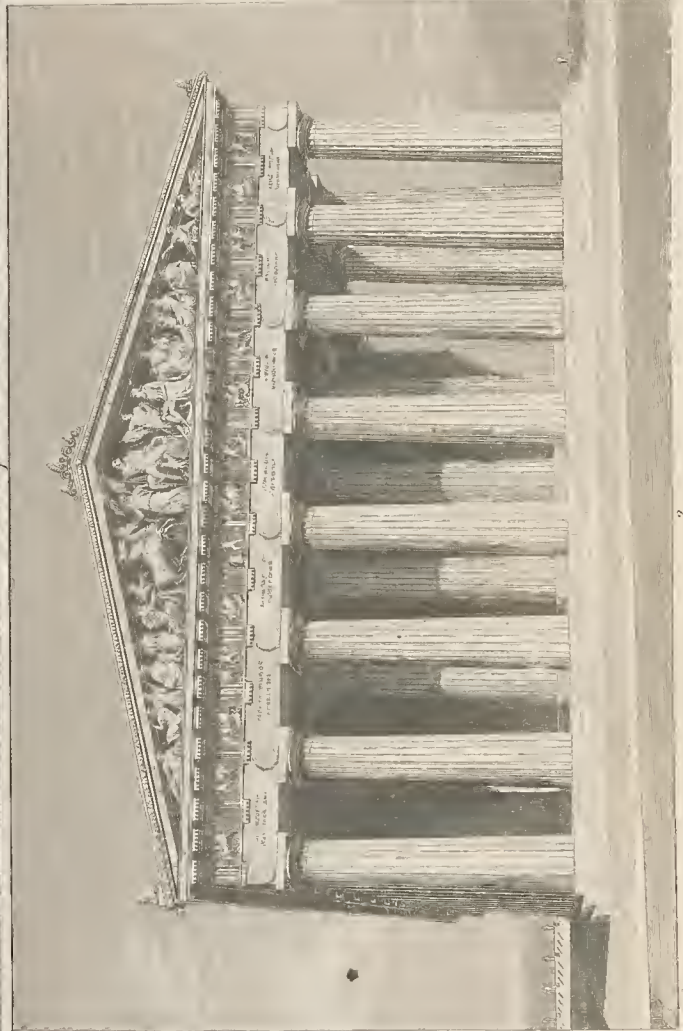
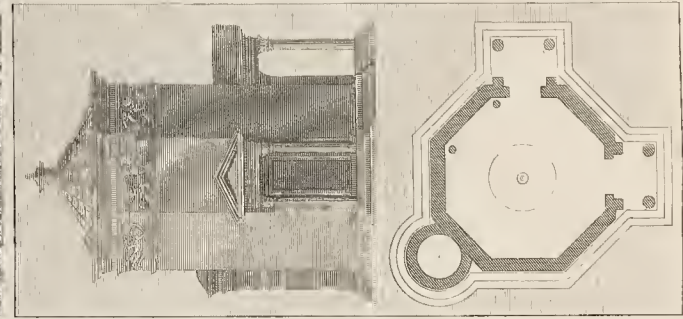
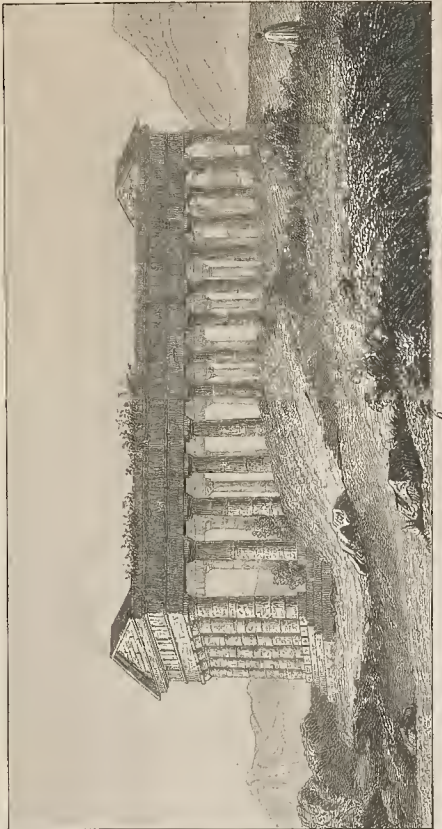
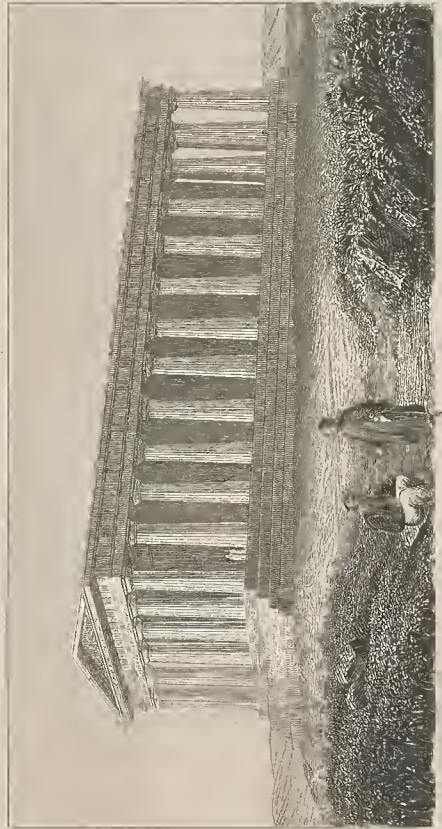


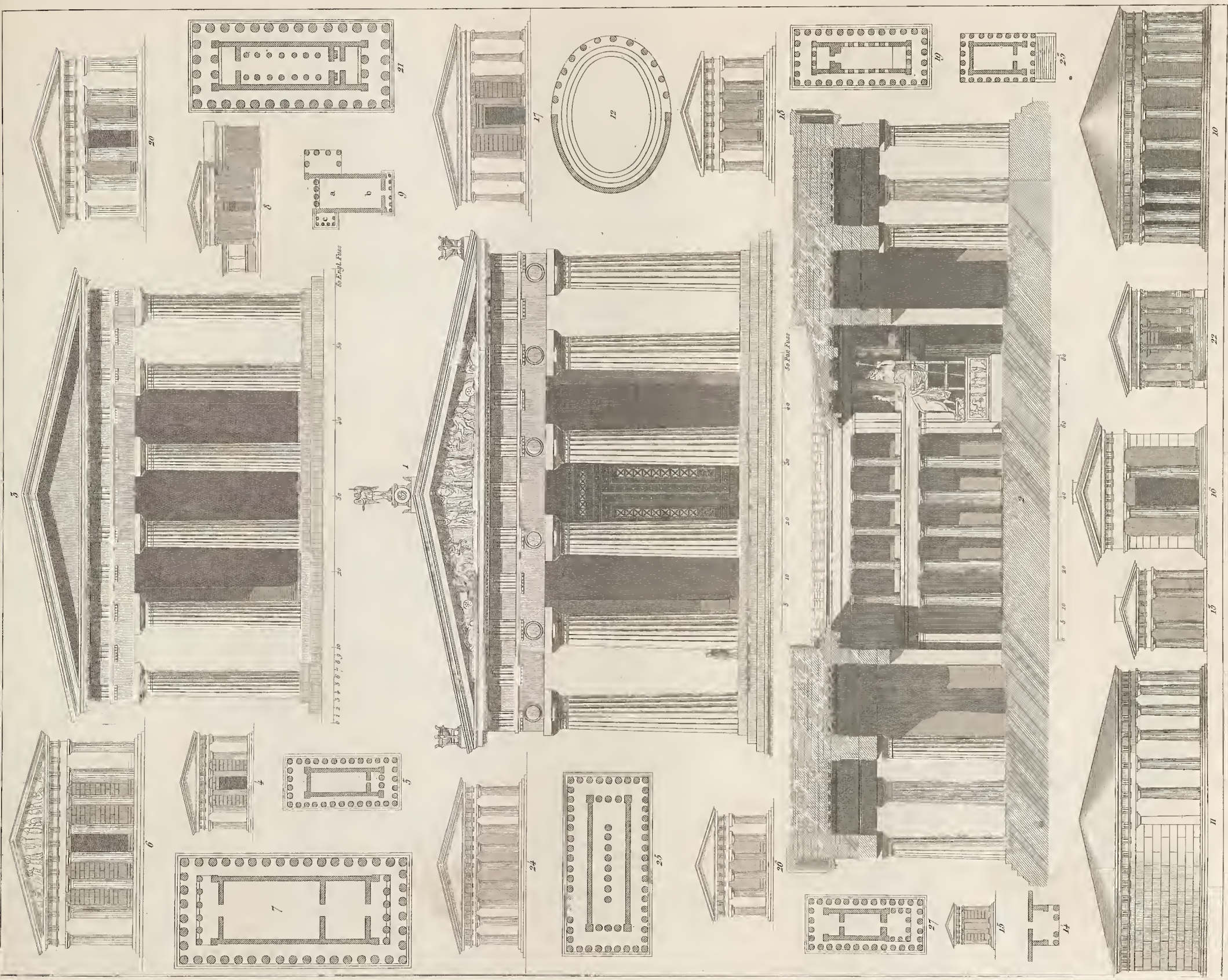


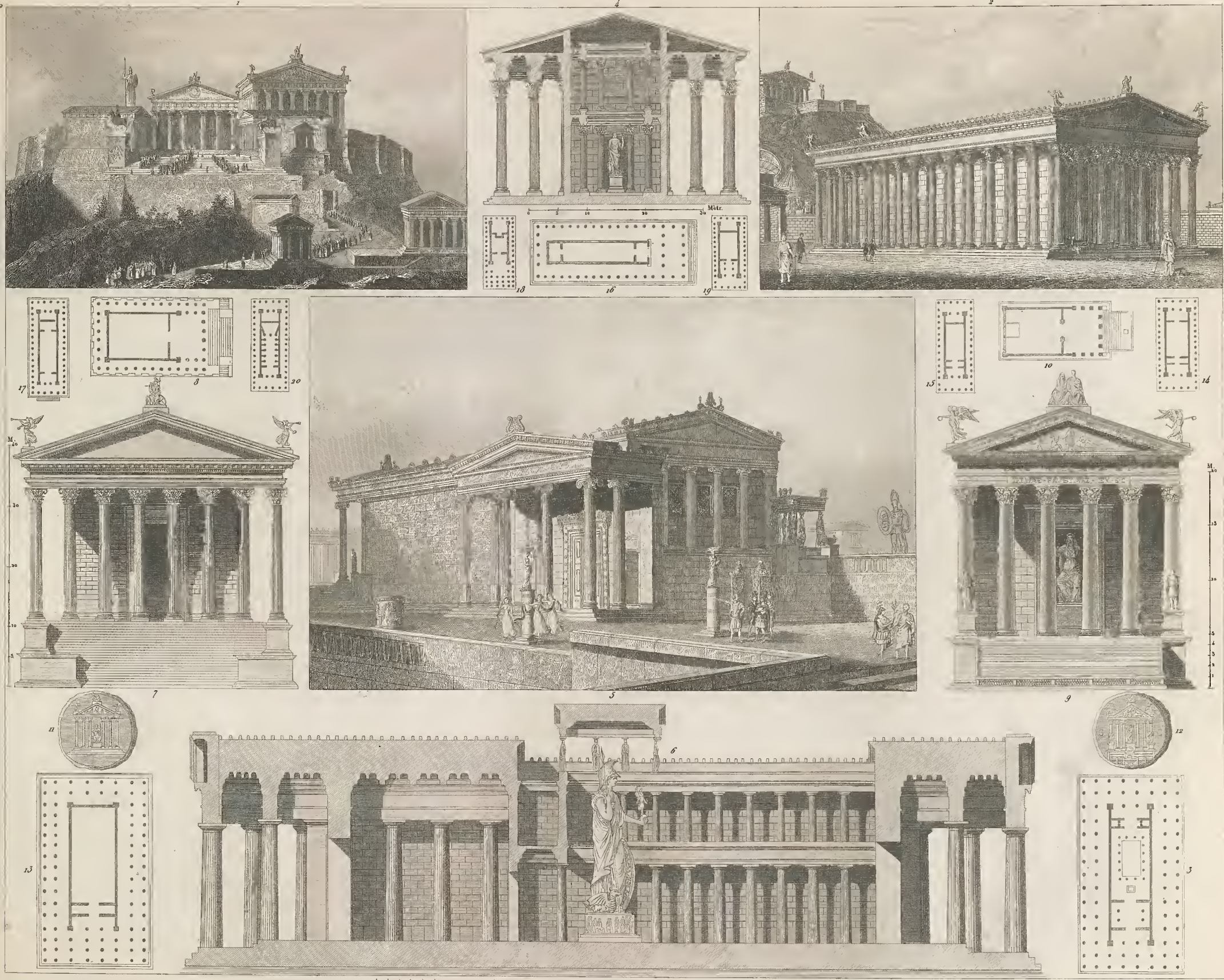


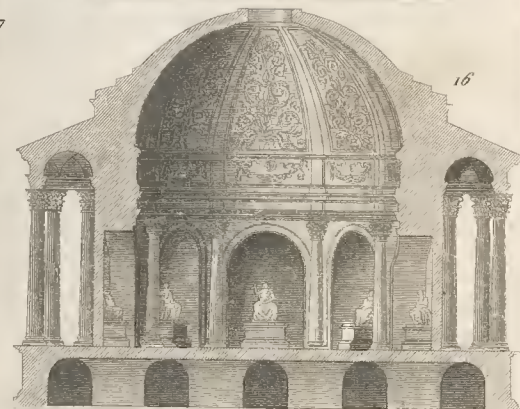
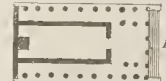
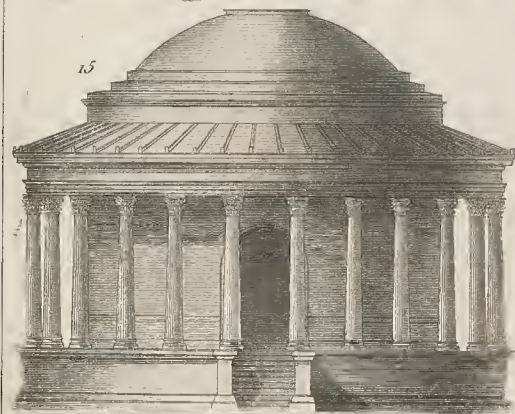
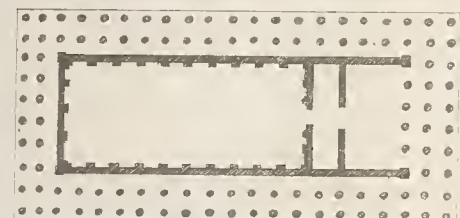
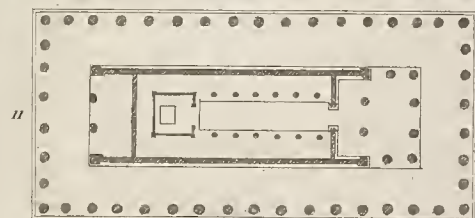
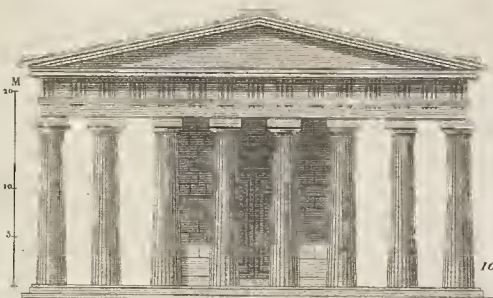
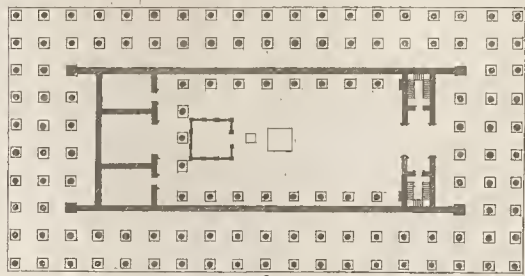
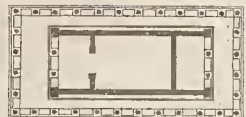
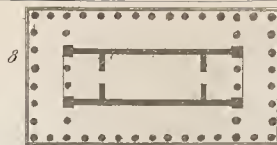


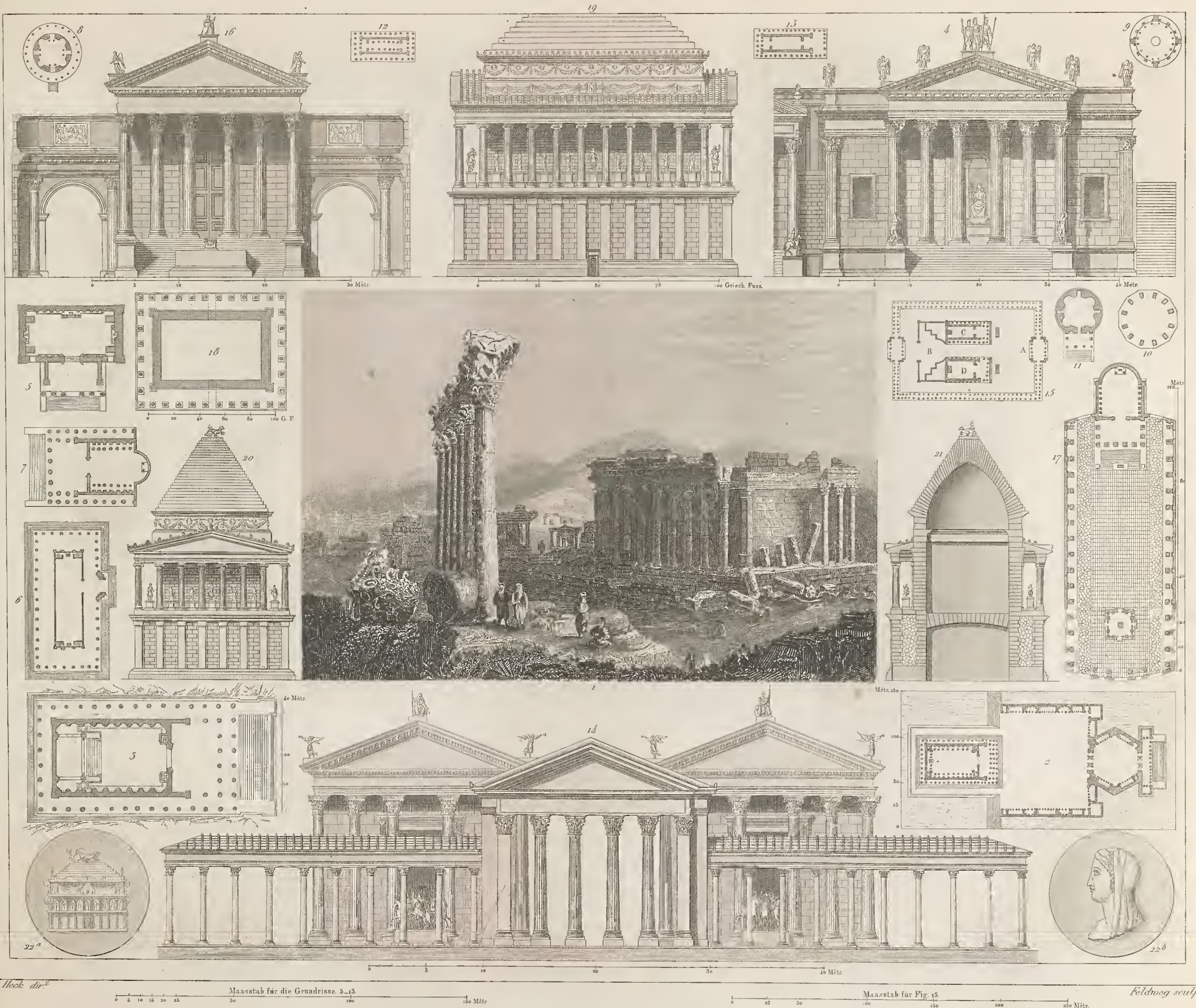


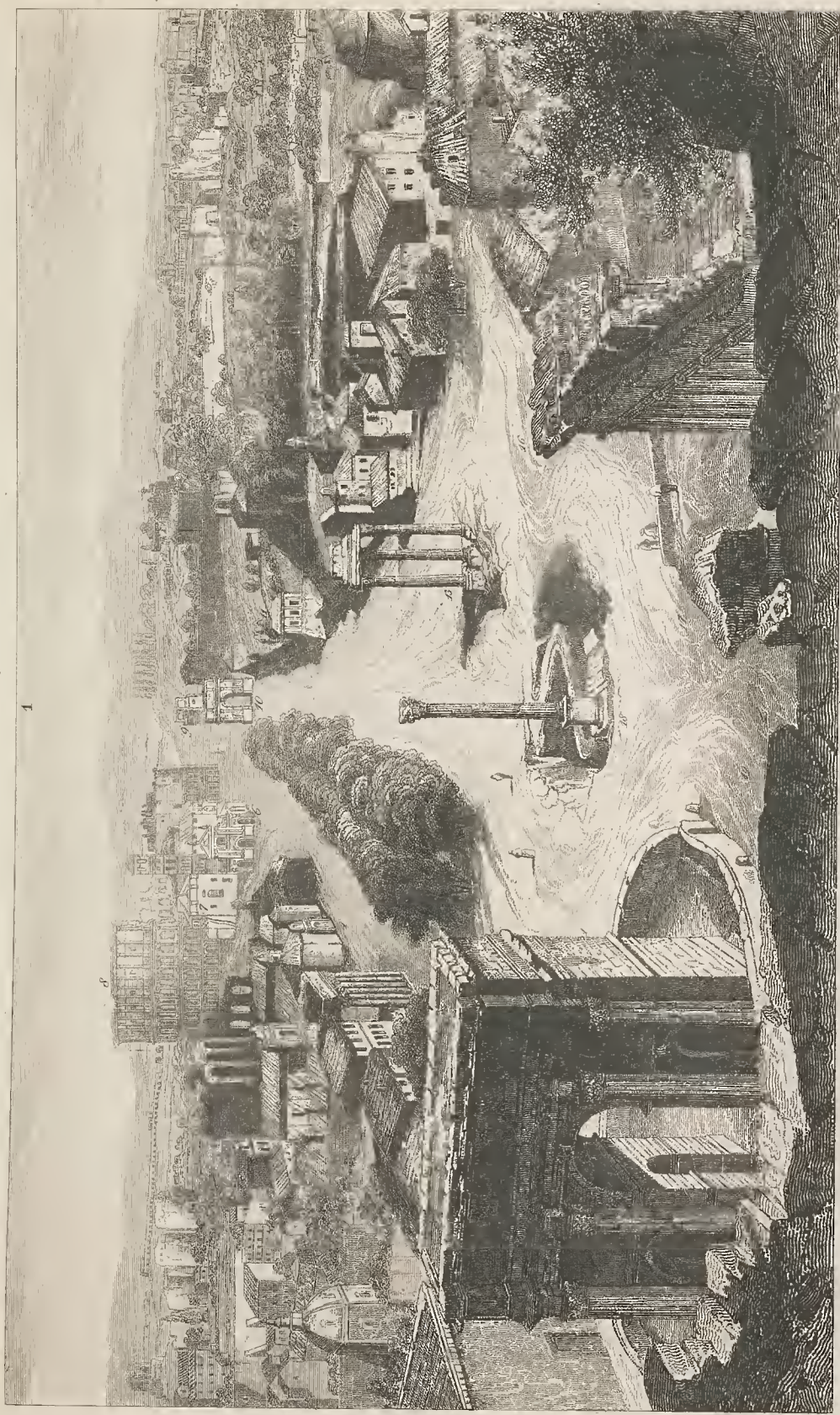




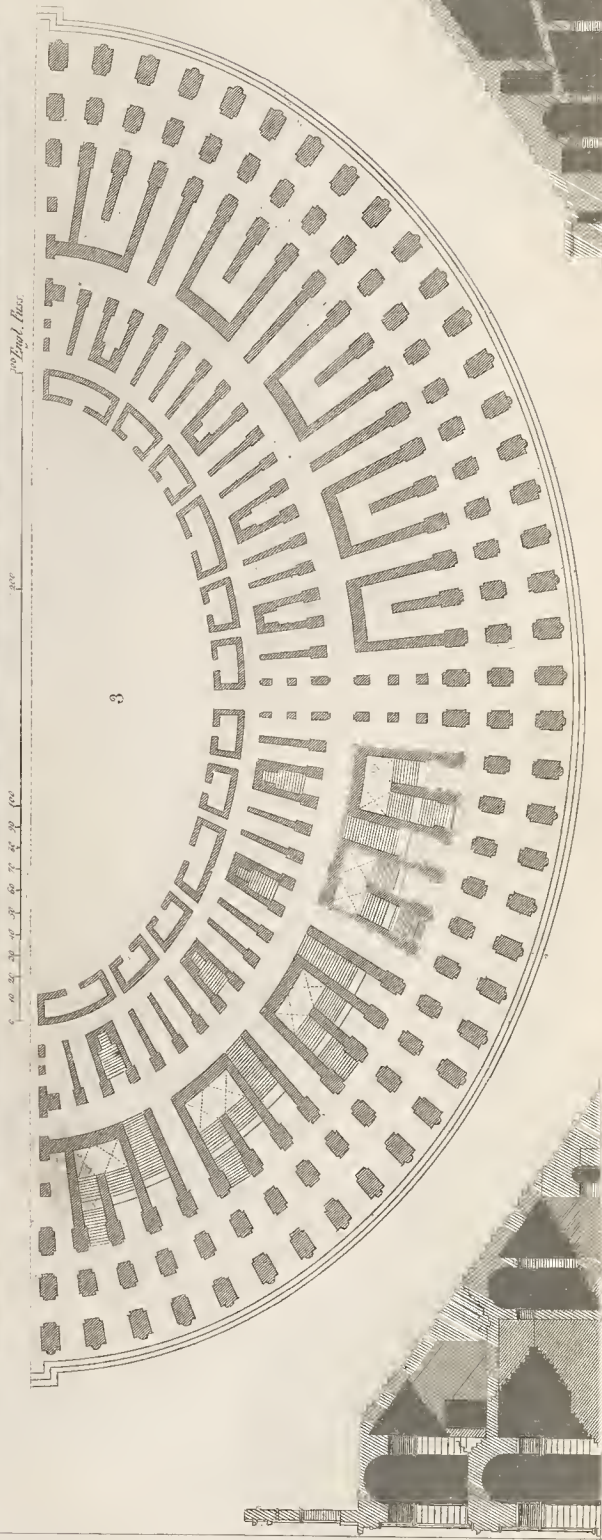
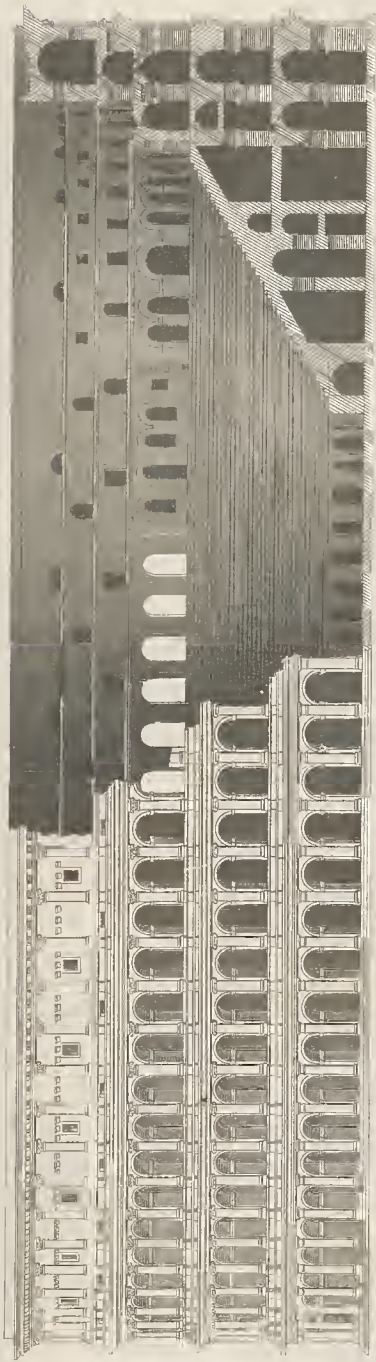




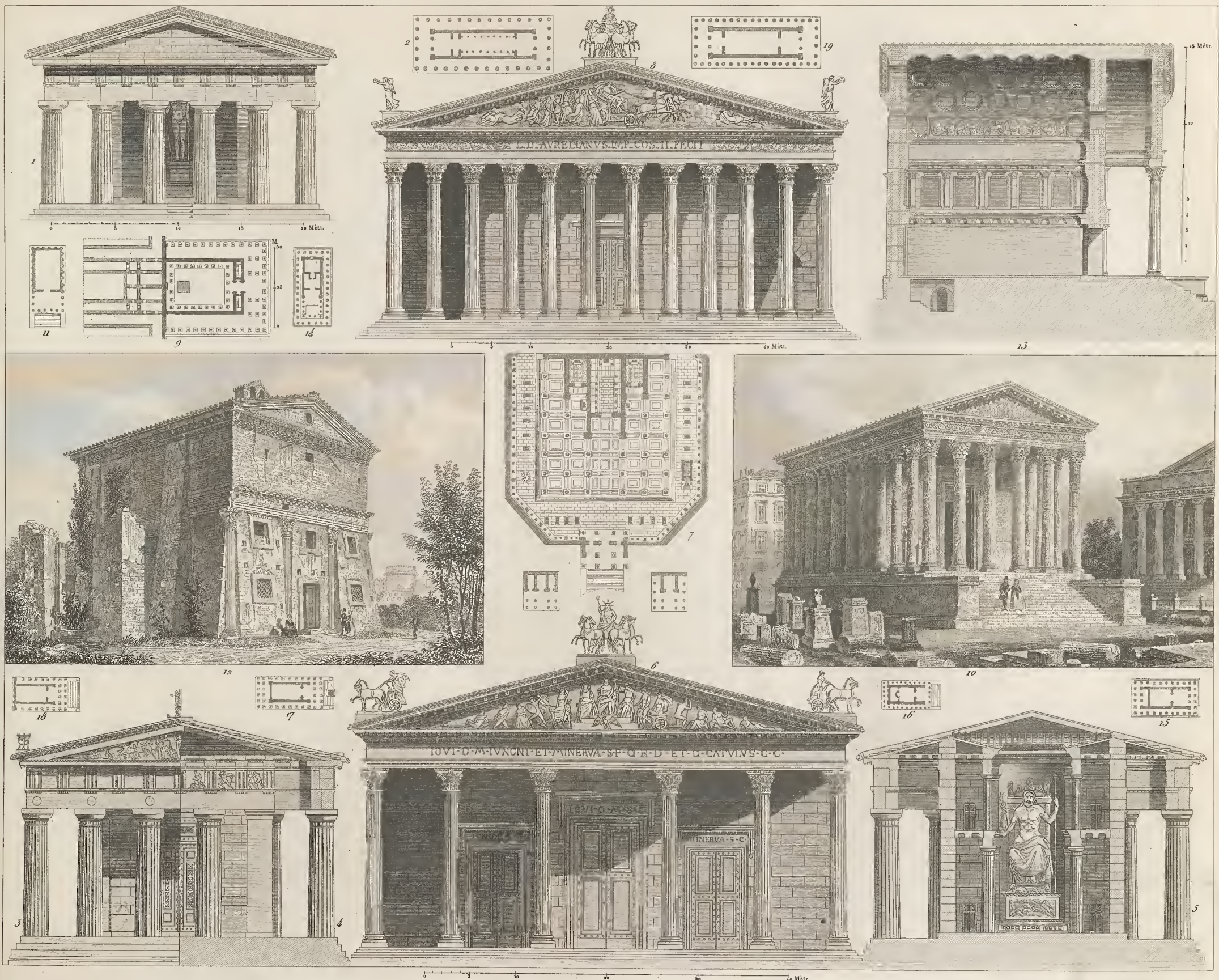


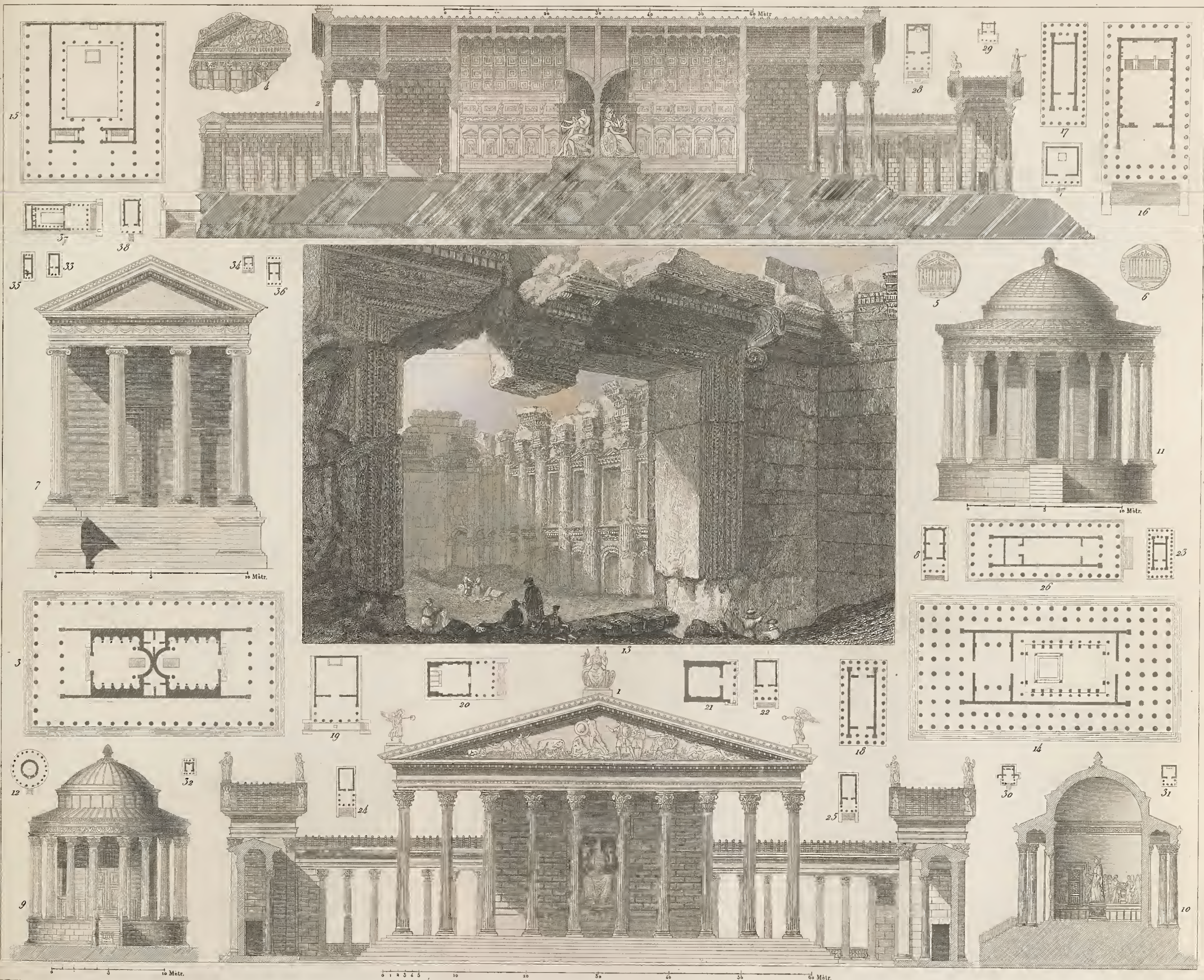


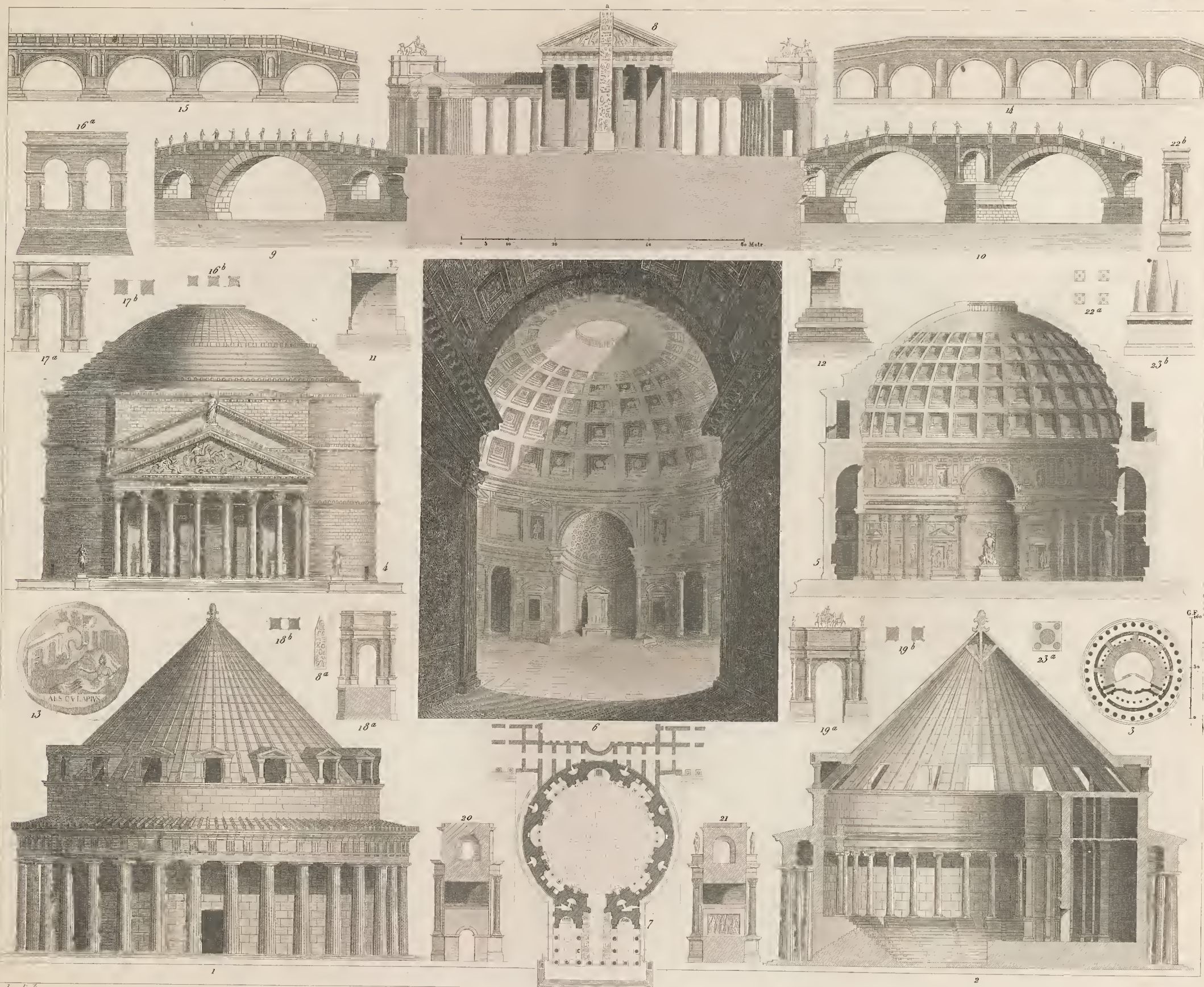
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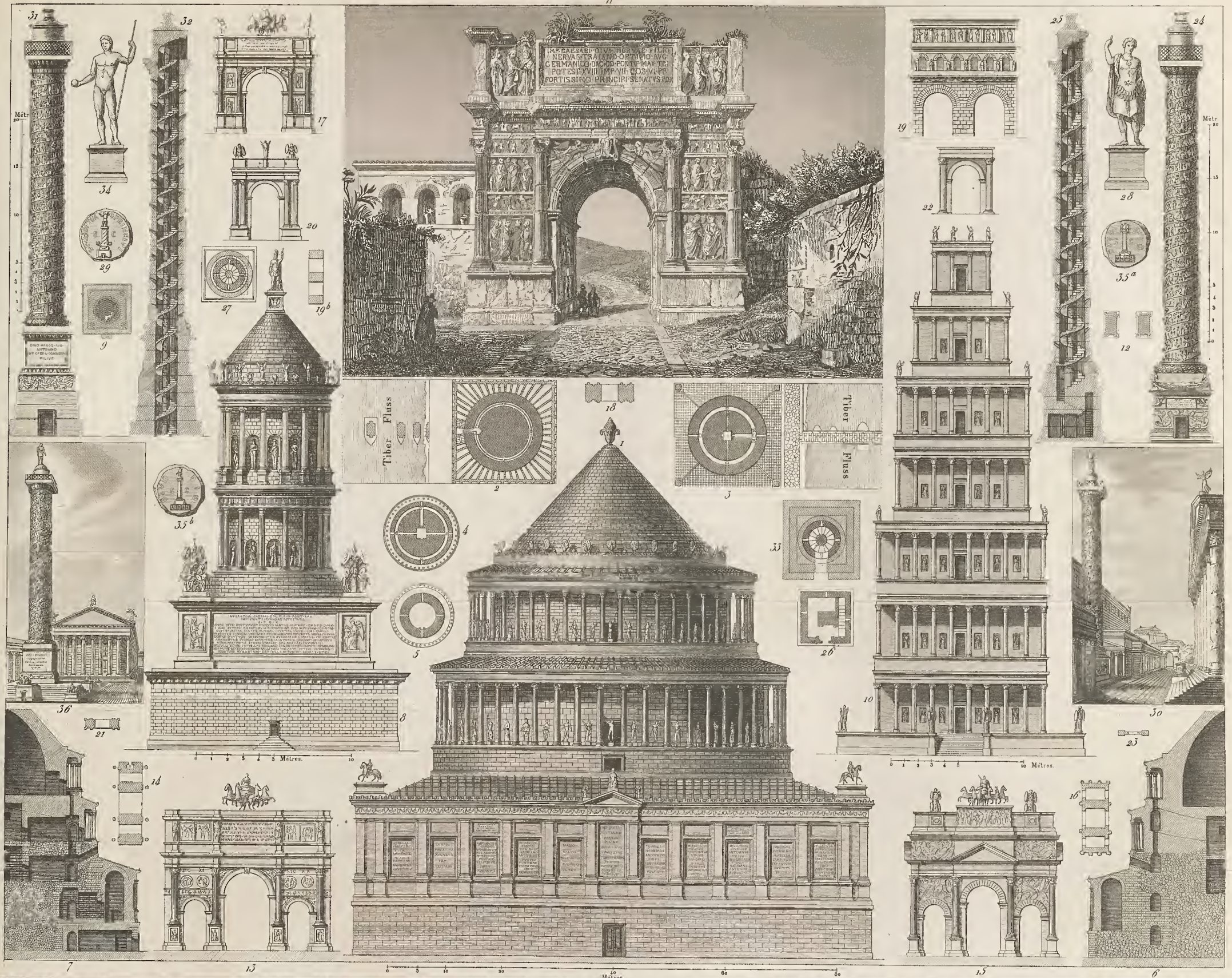












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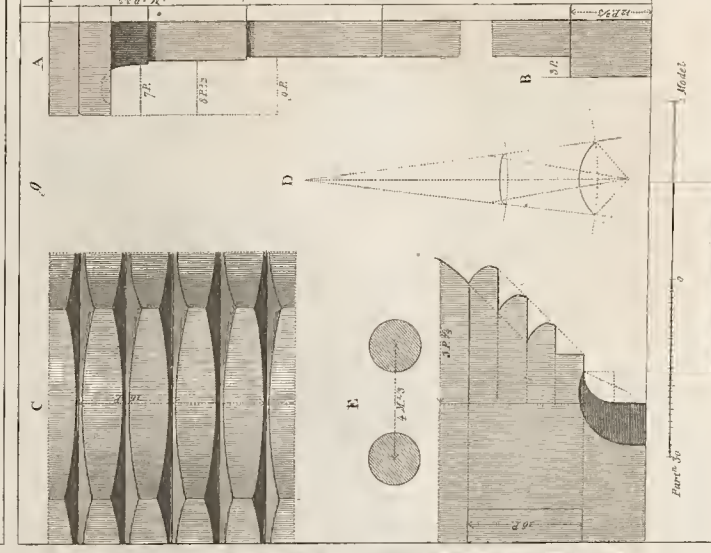
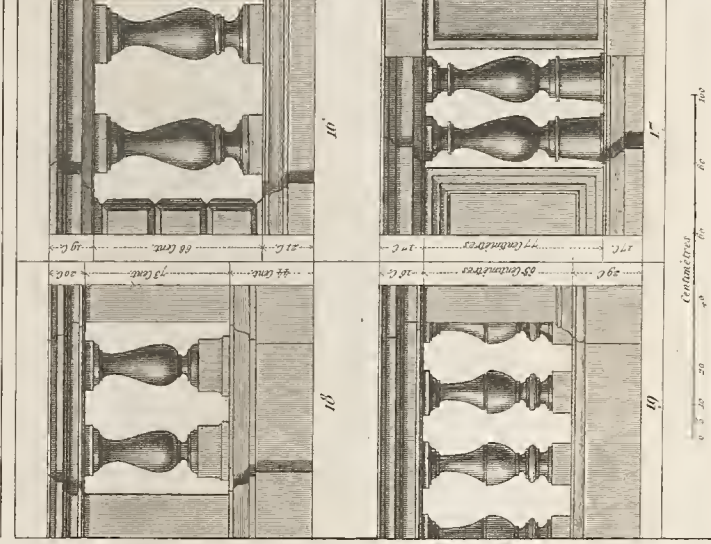
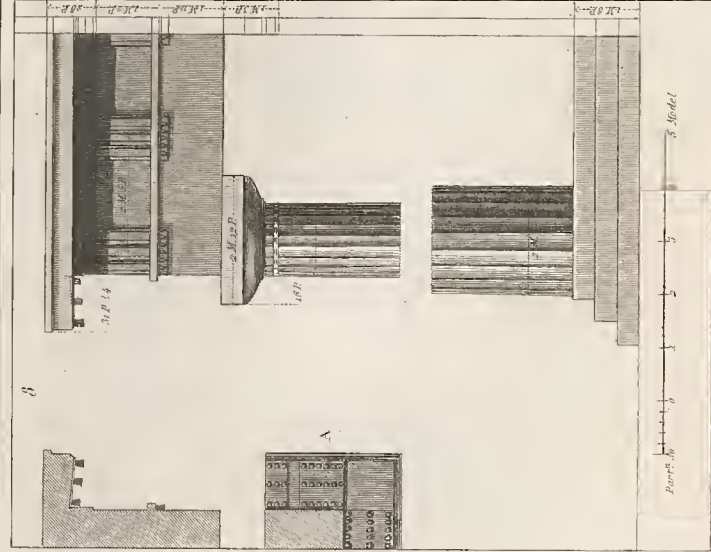
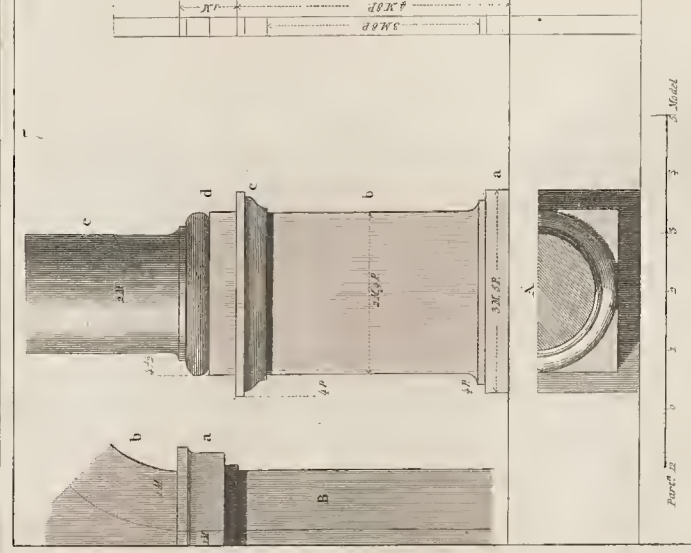
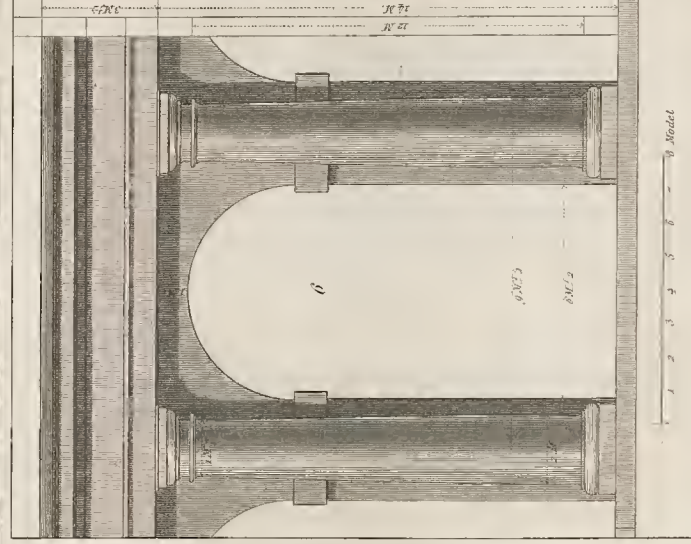
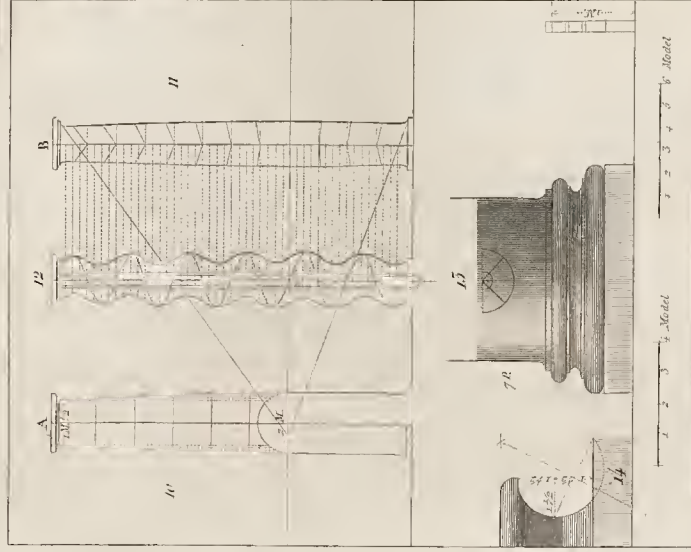
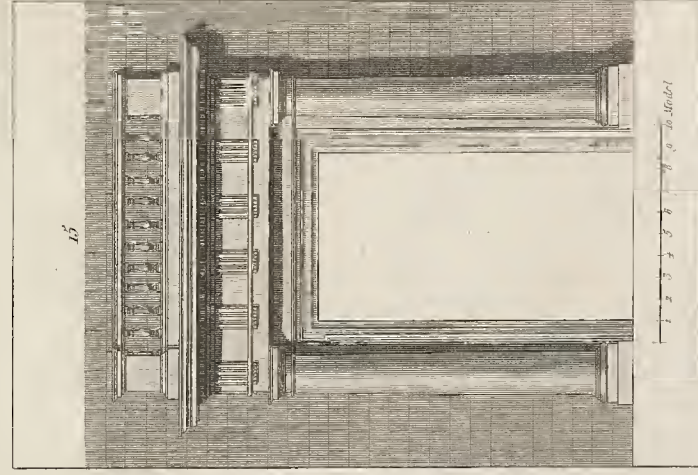
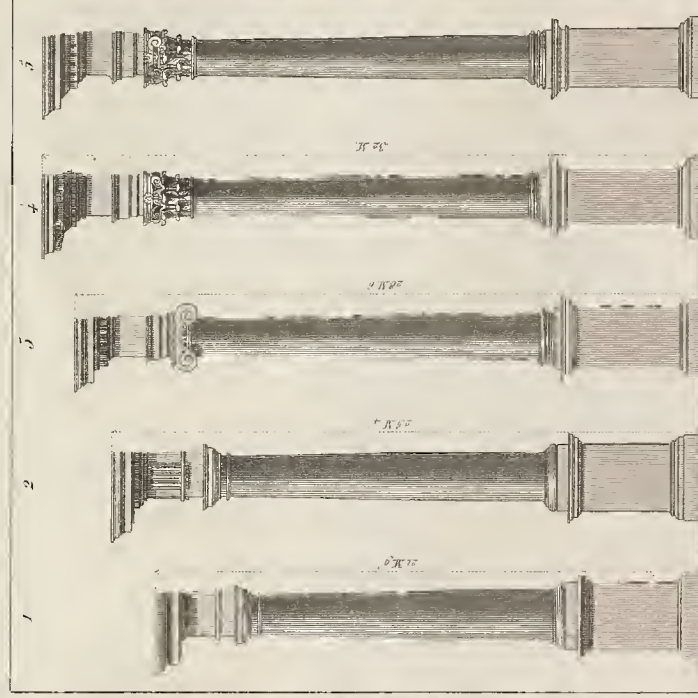
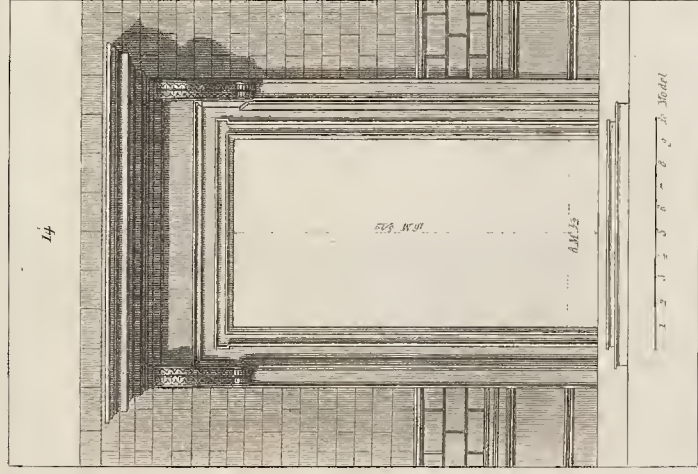
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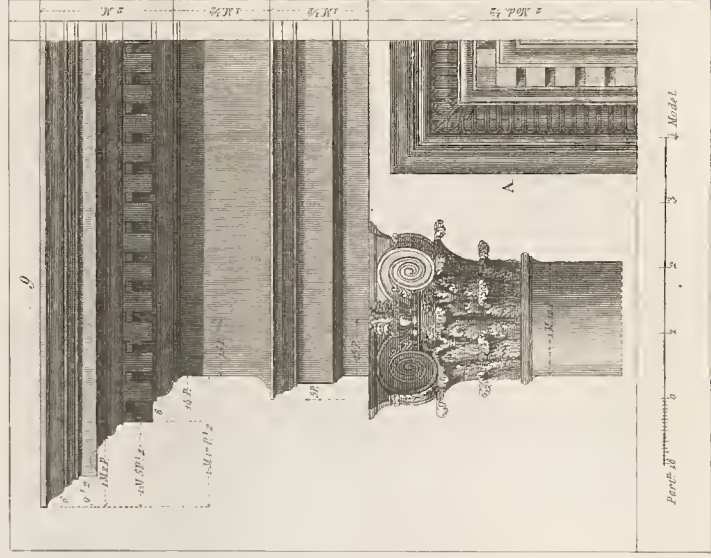
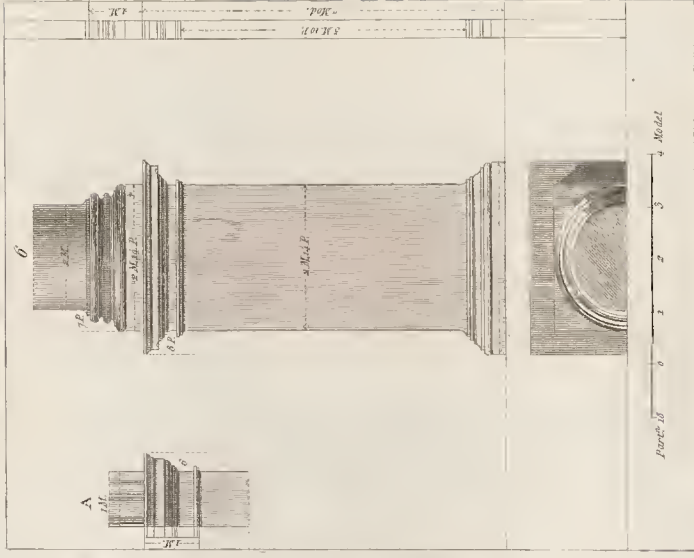
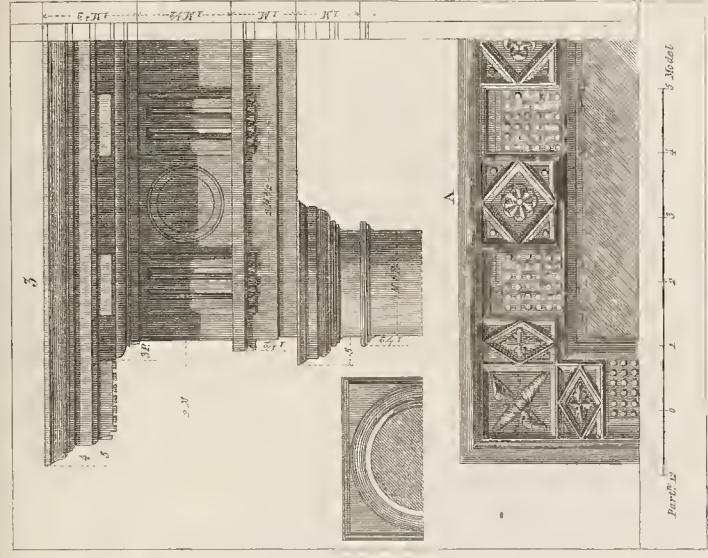
Maasstab für Fig. 13-22.

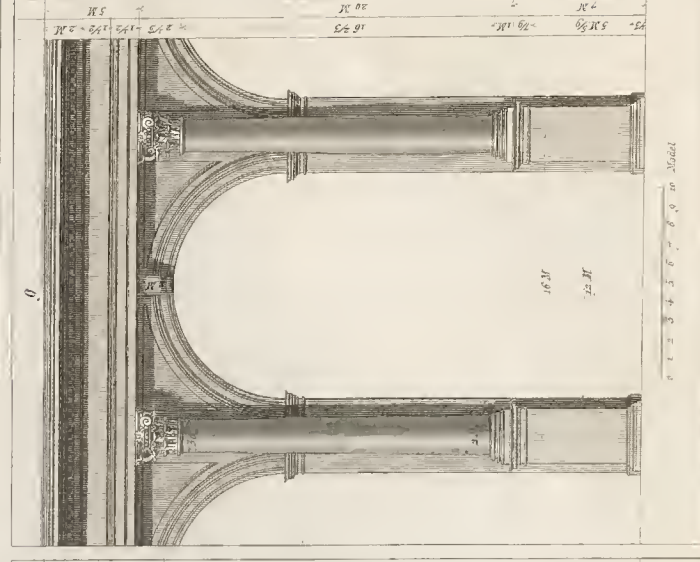
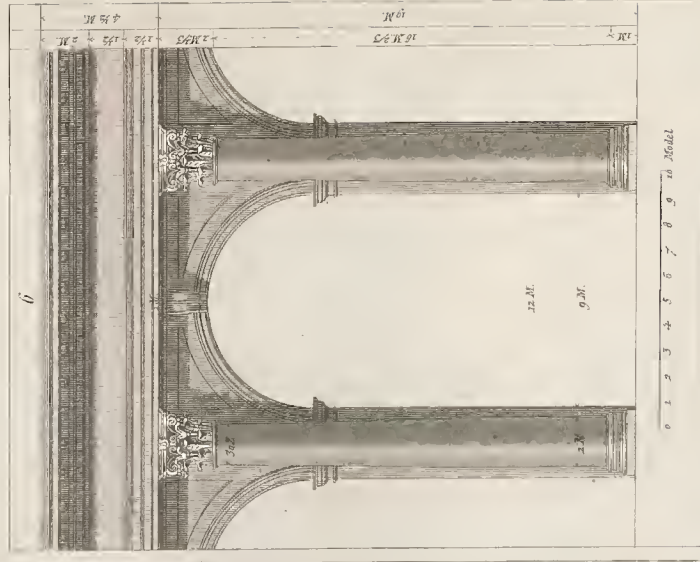
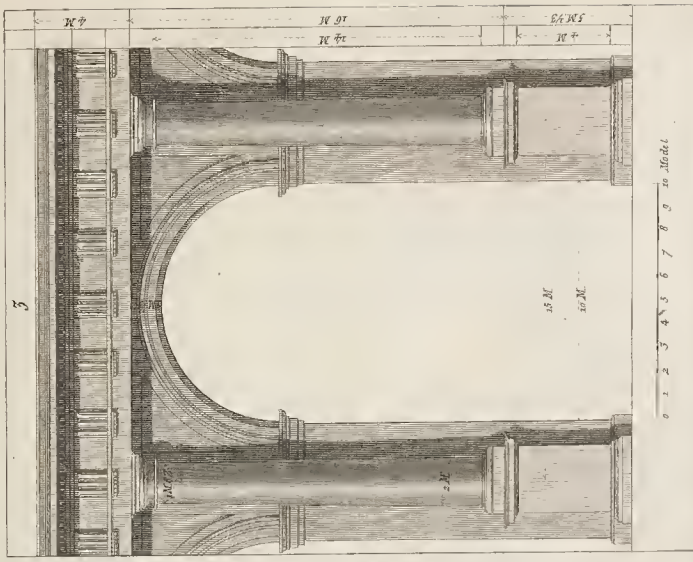
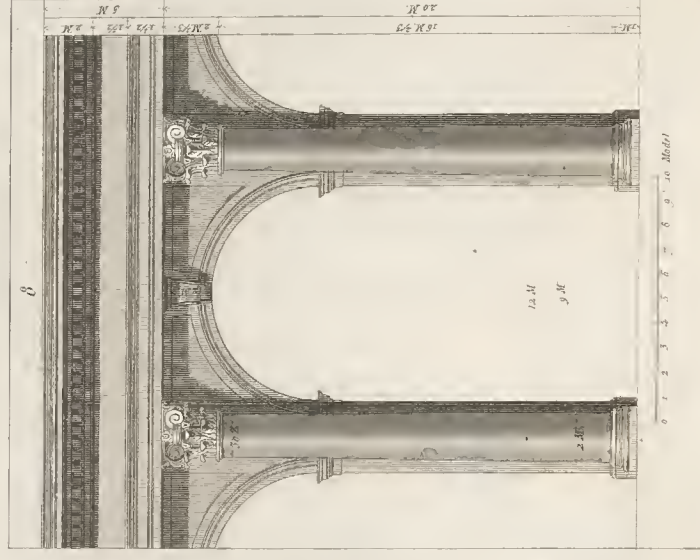
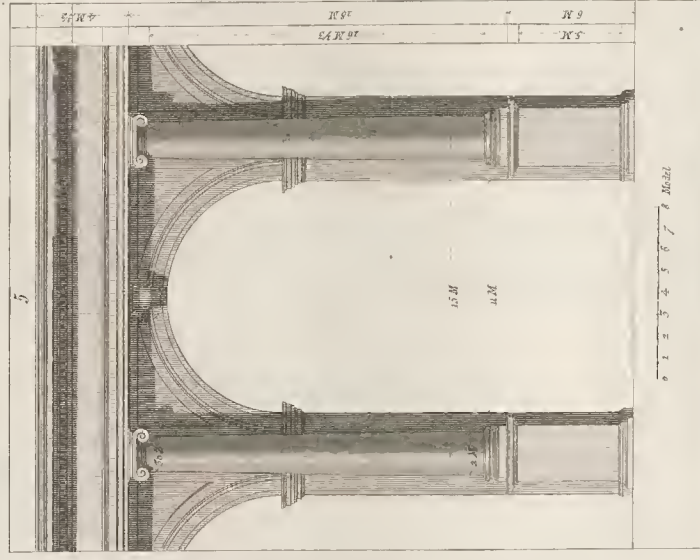
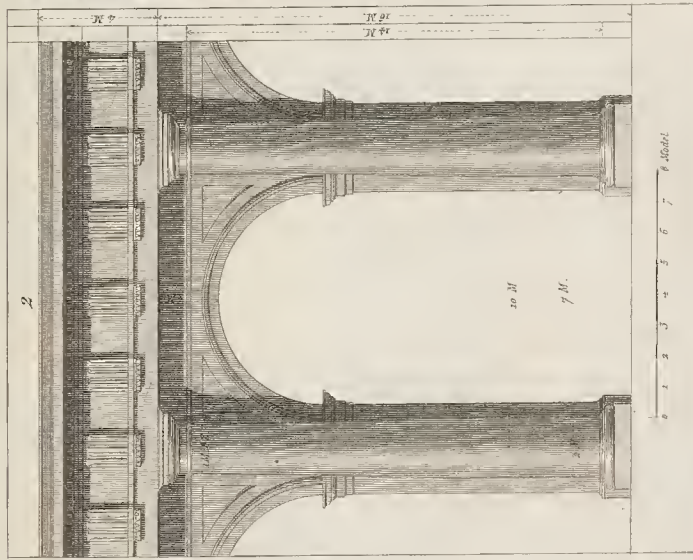
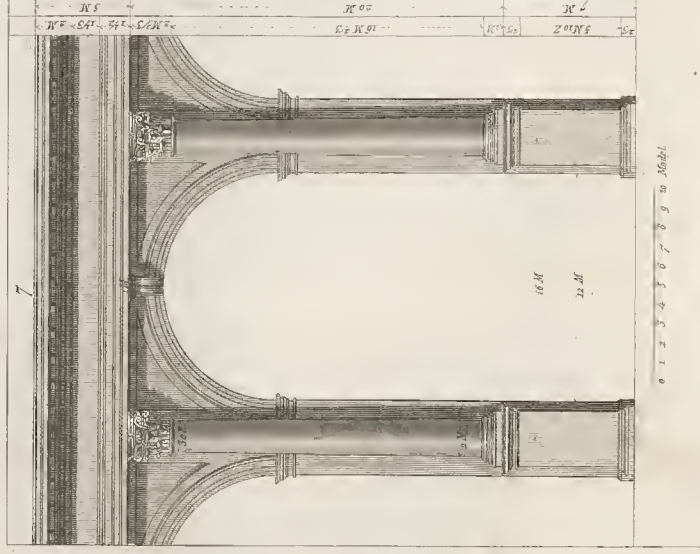
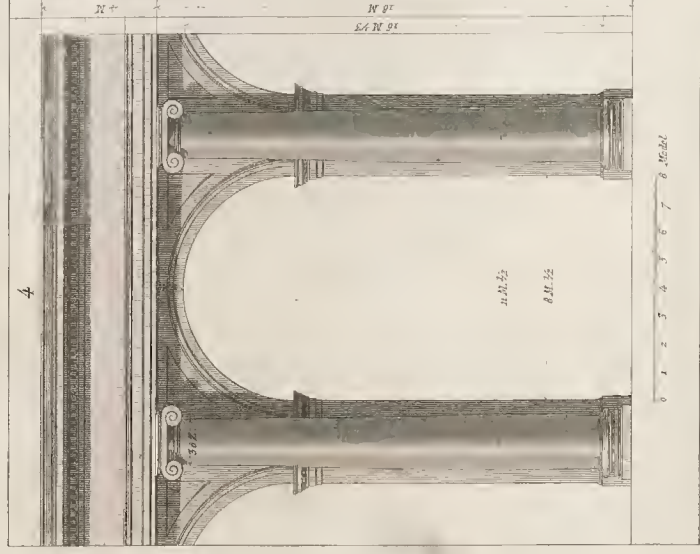
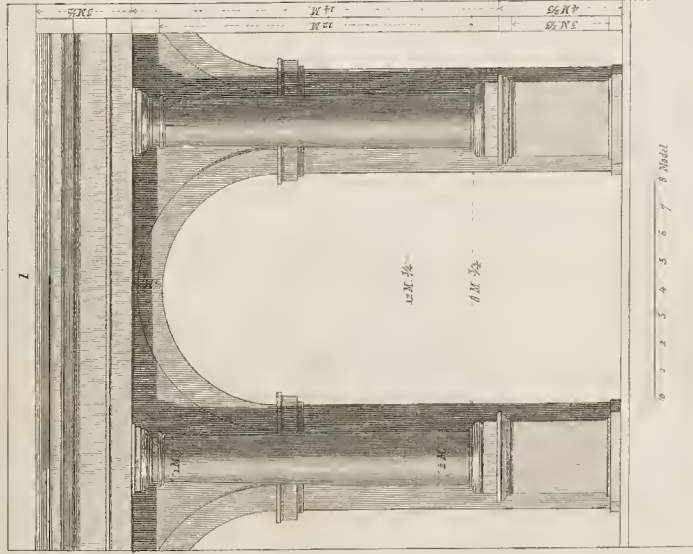
Maasstab für Fig. 2-3.

G. Feldweg sculpt.

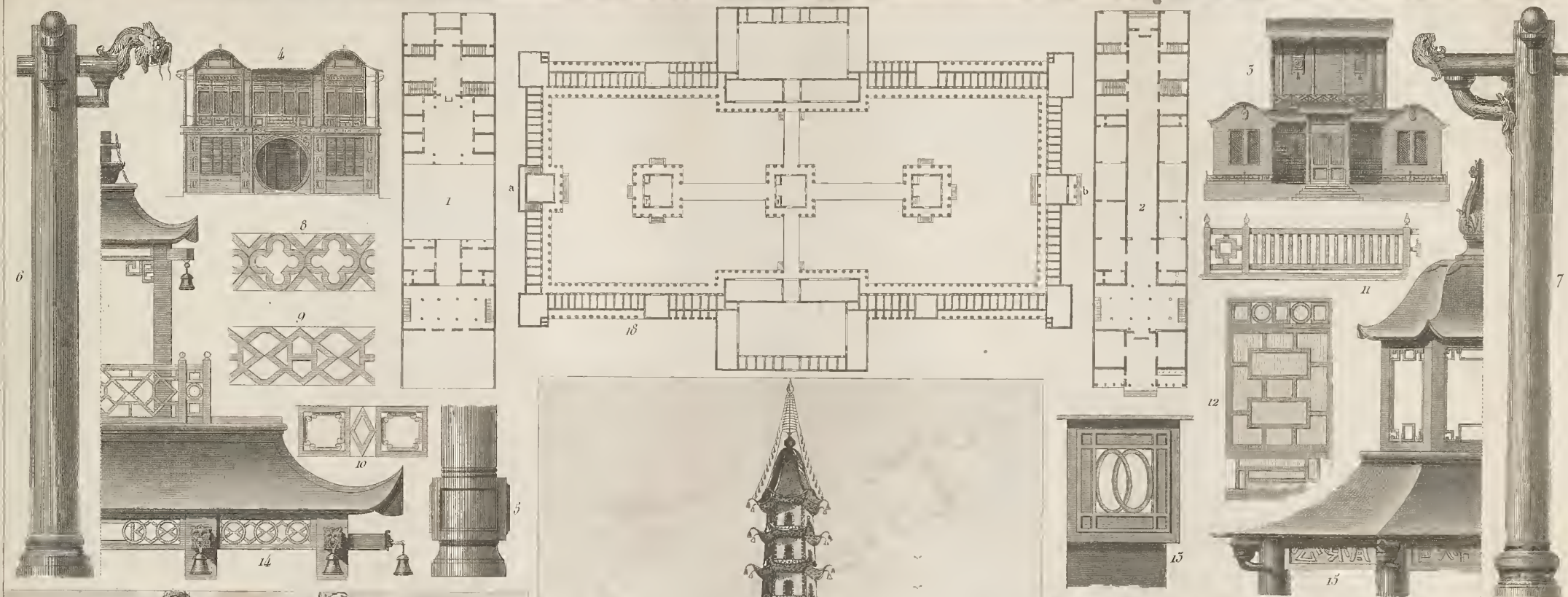


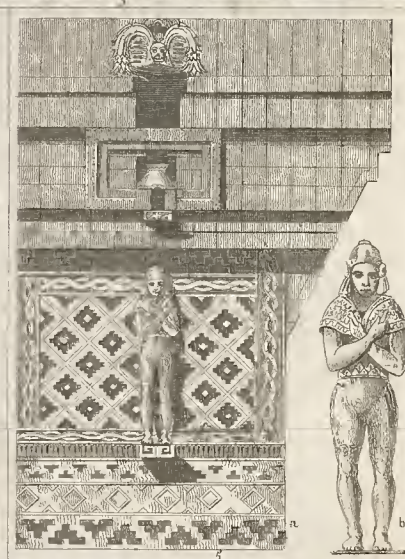
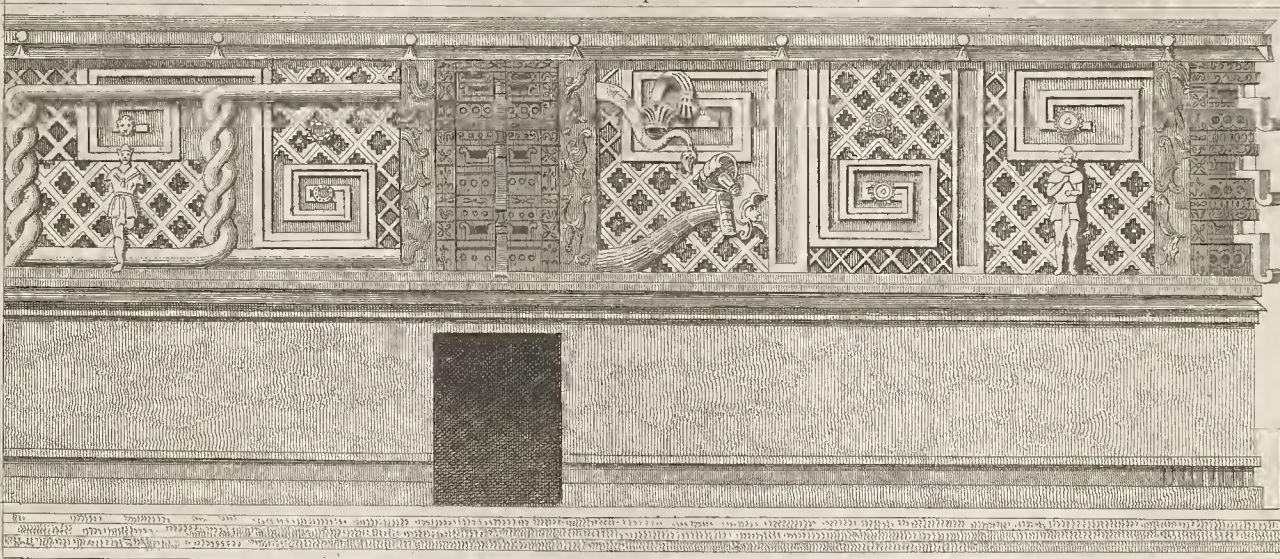




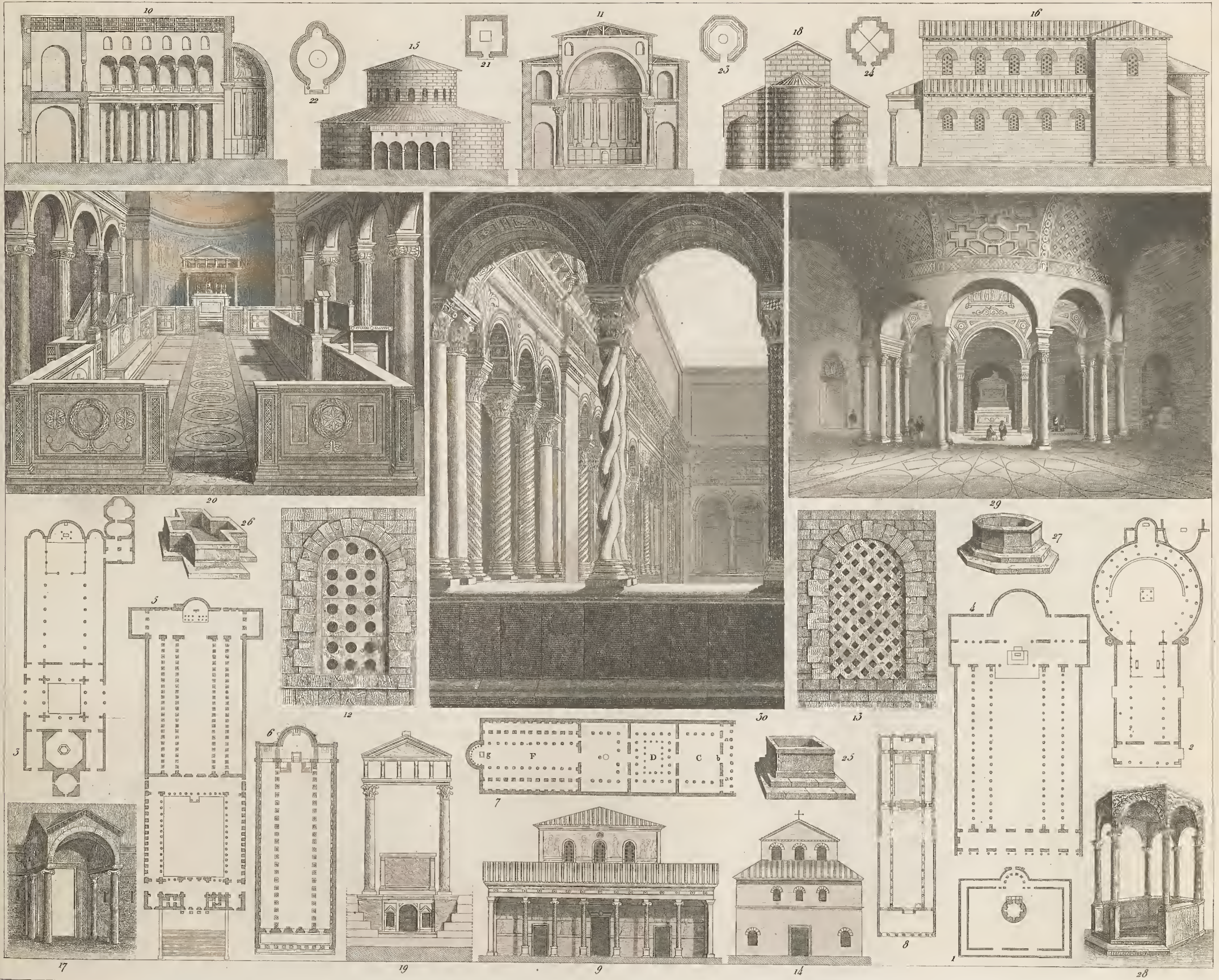




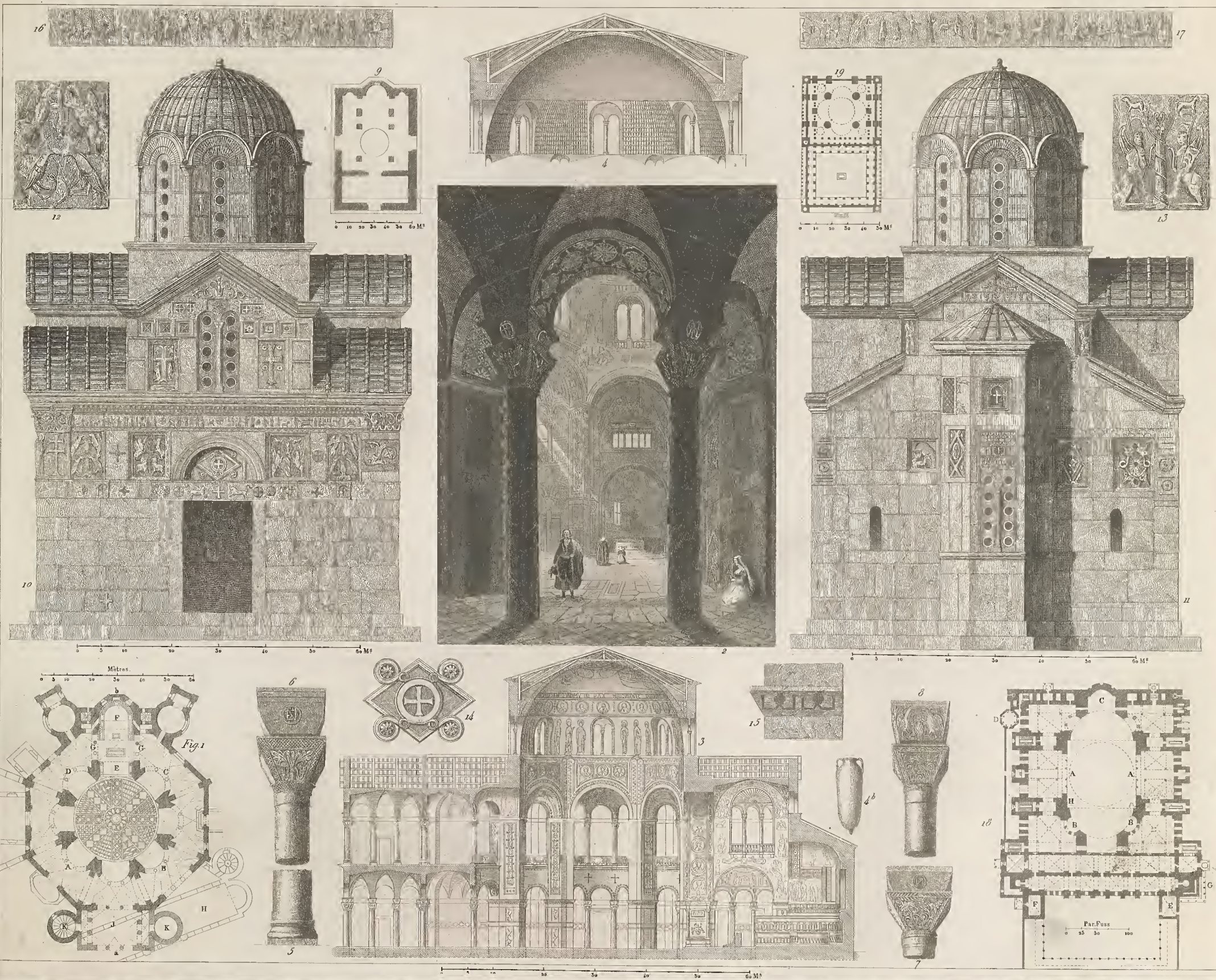




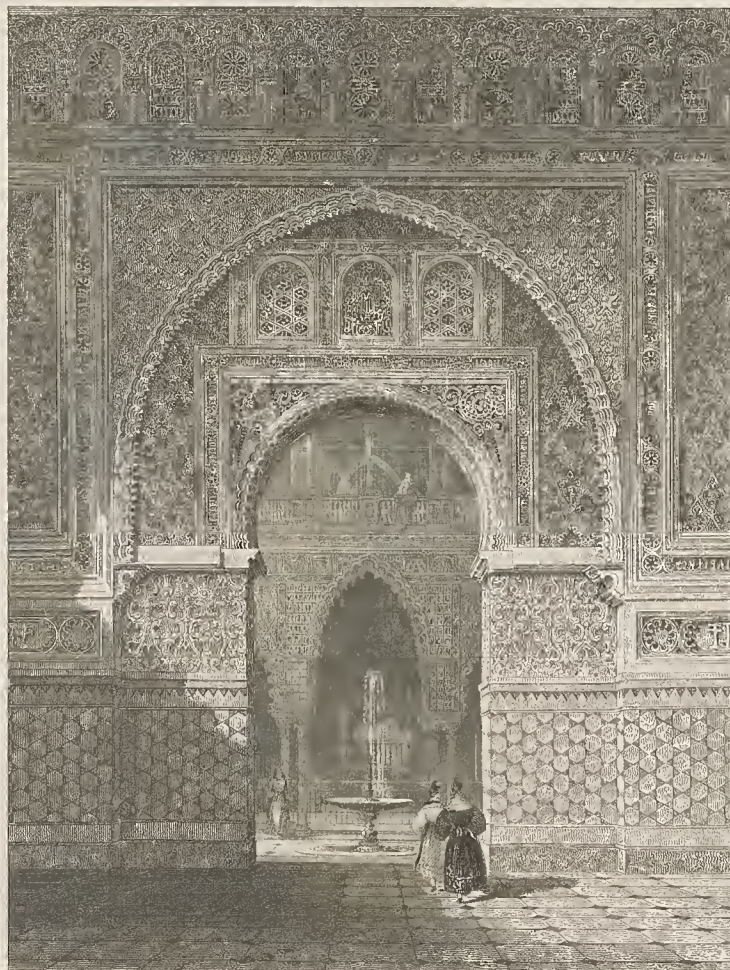
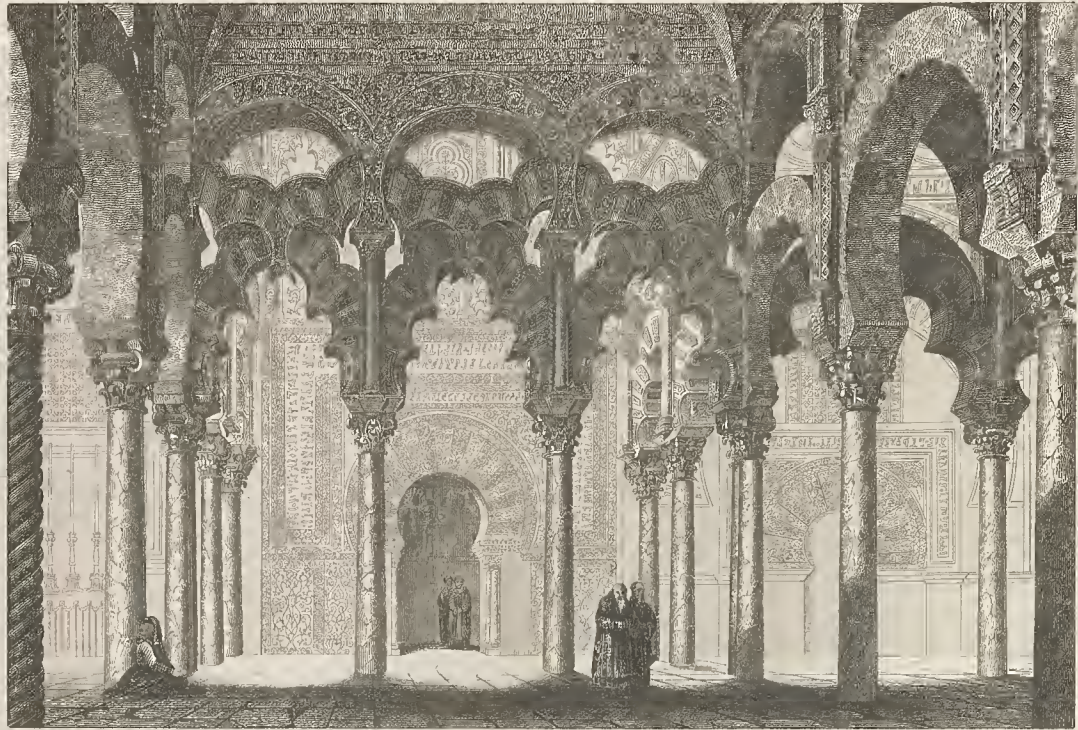


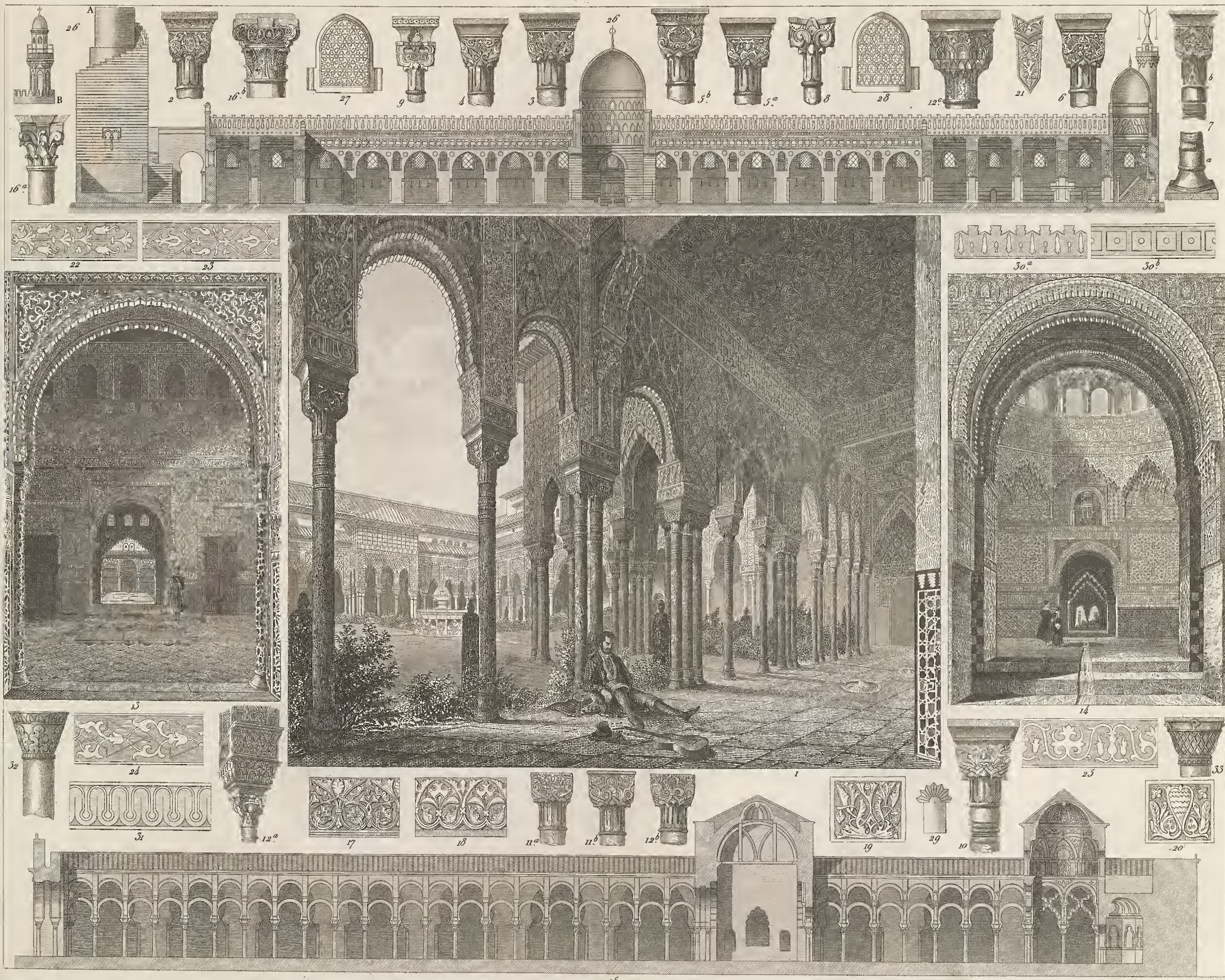


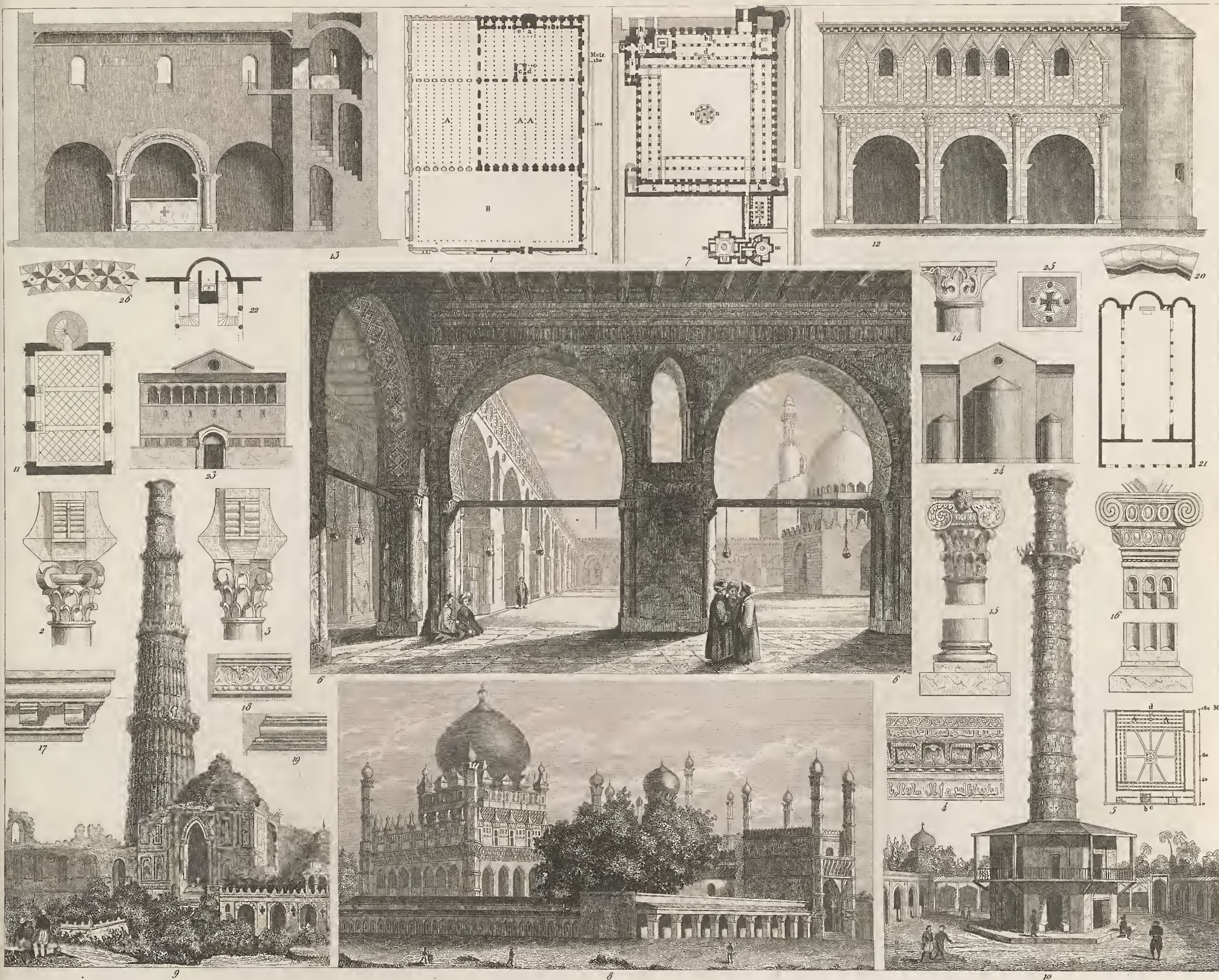






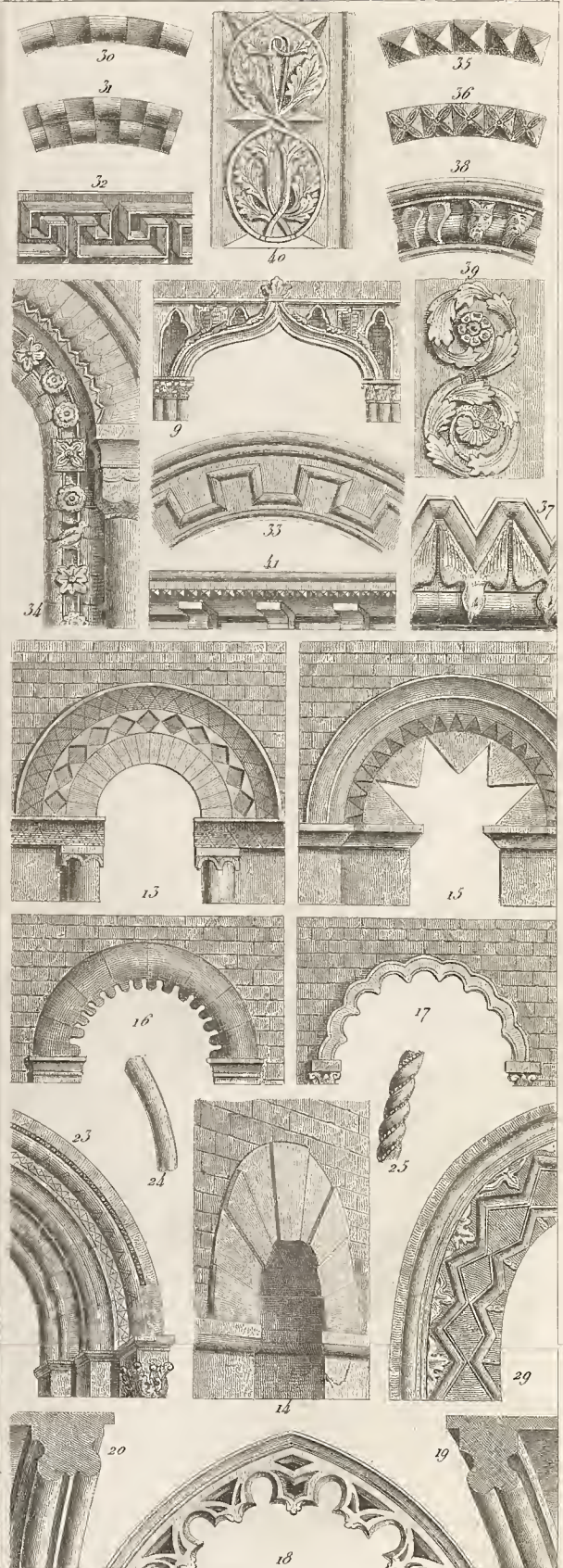
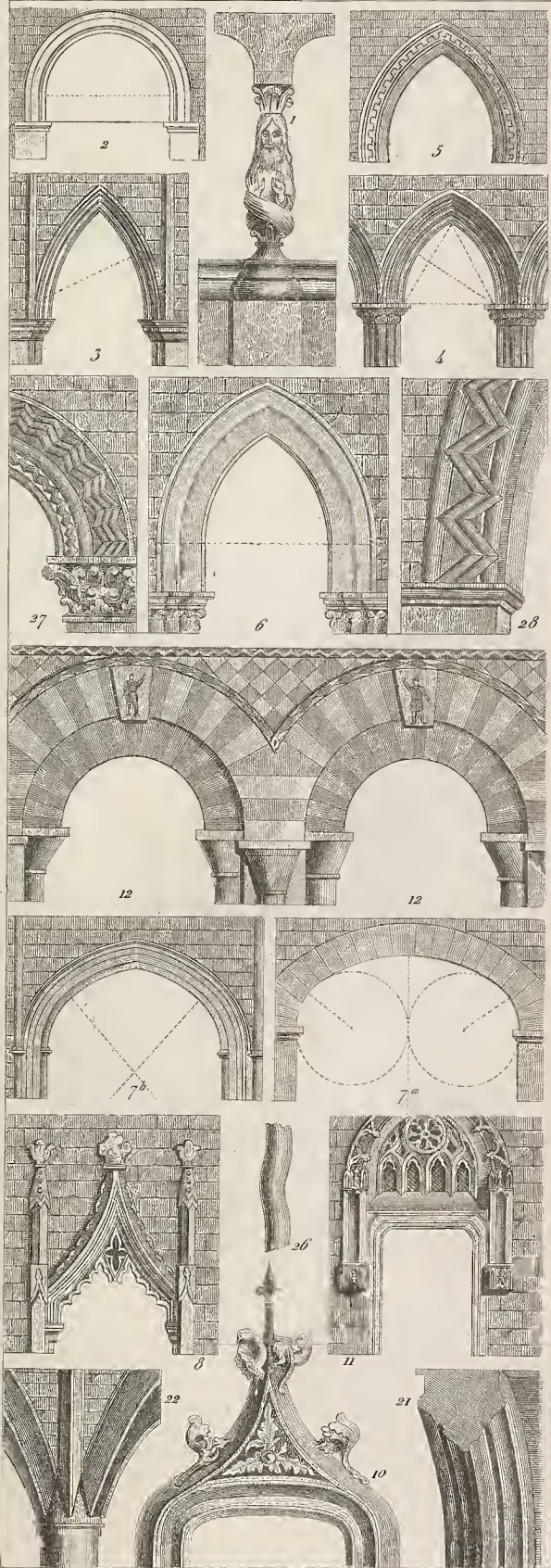




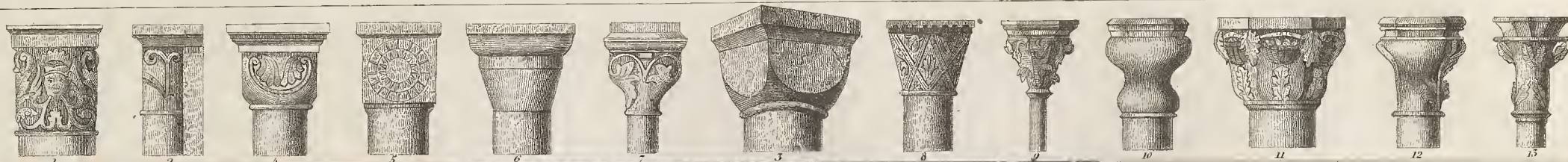


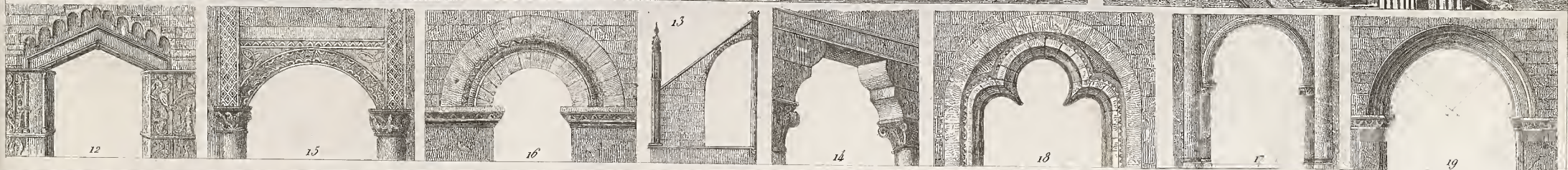
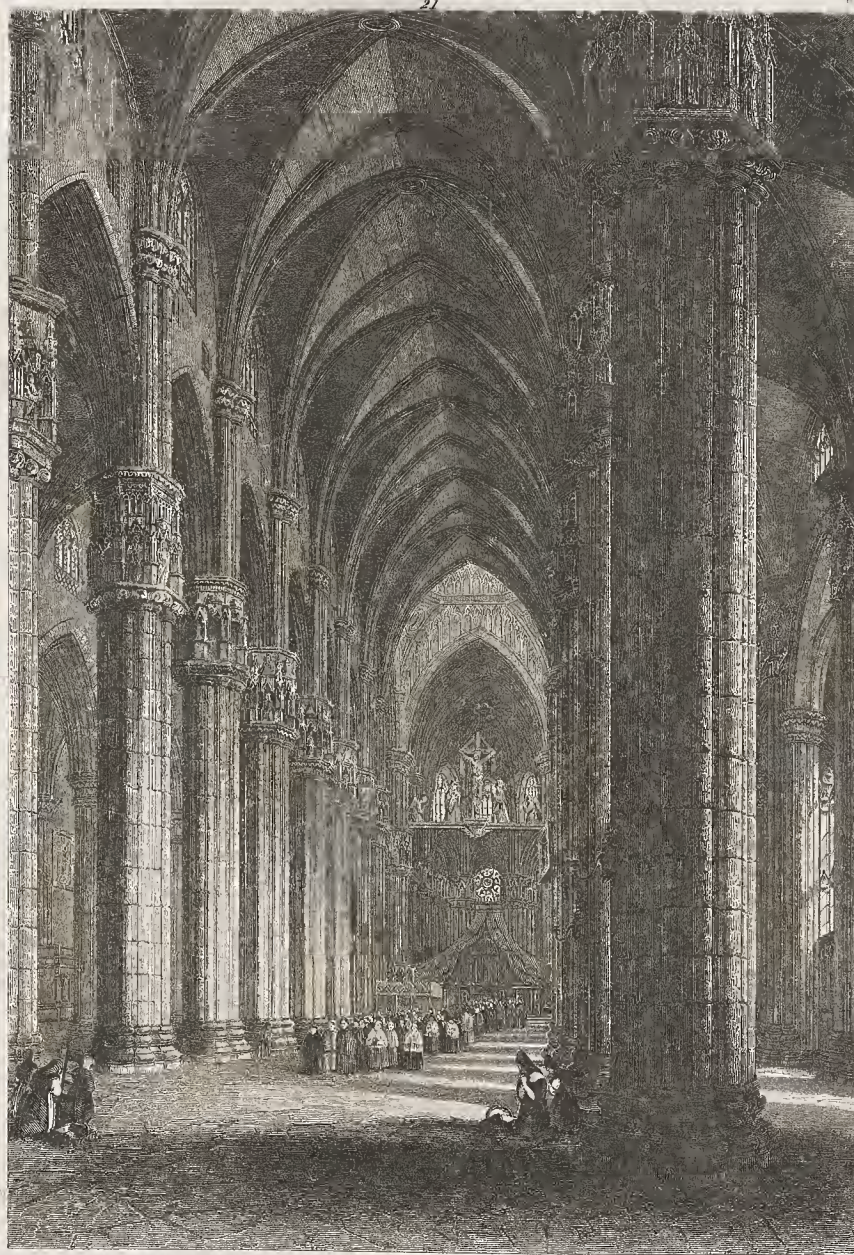


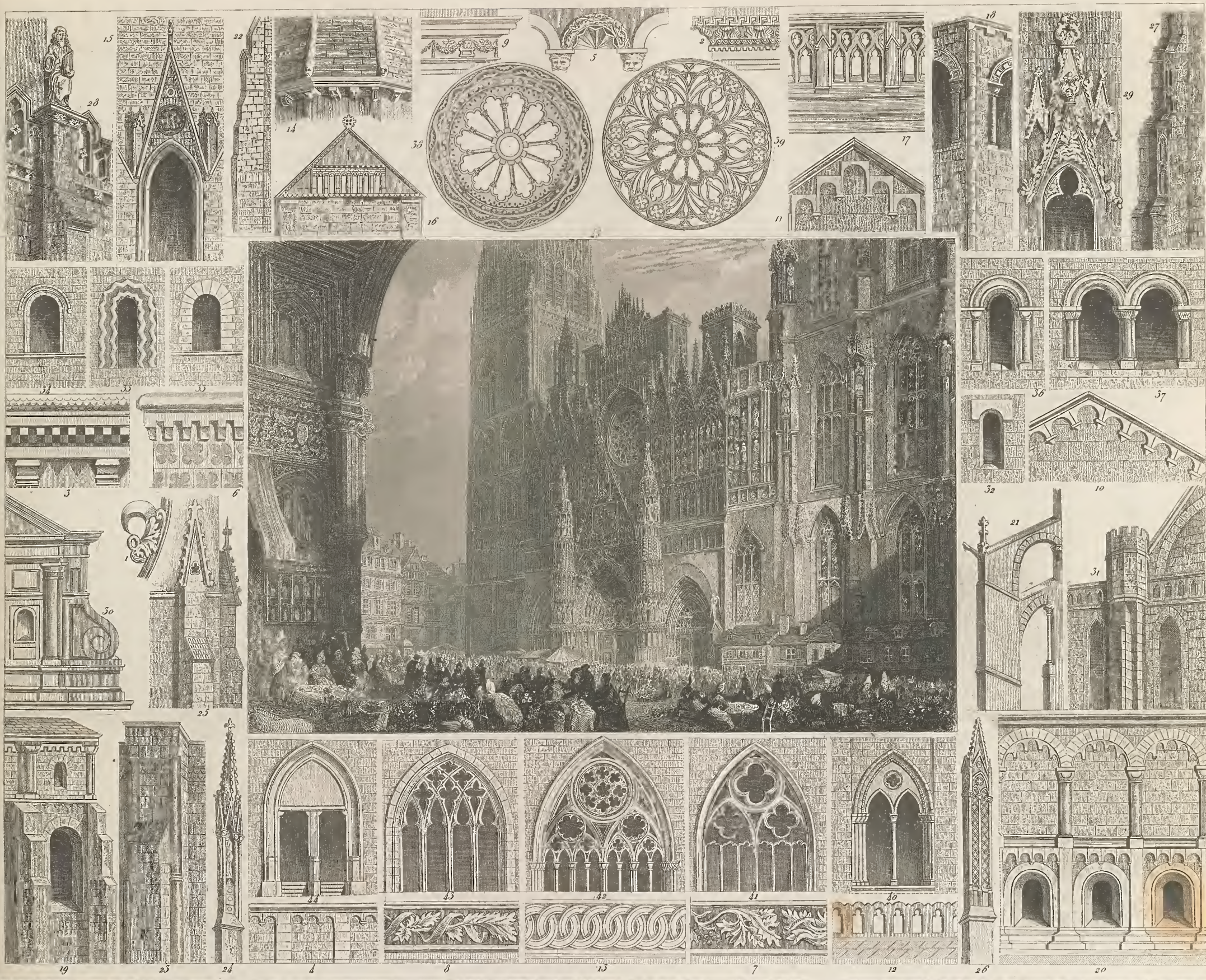






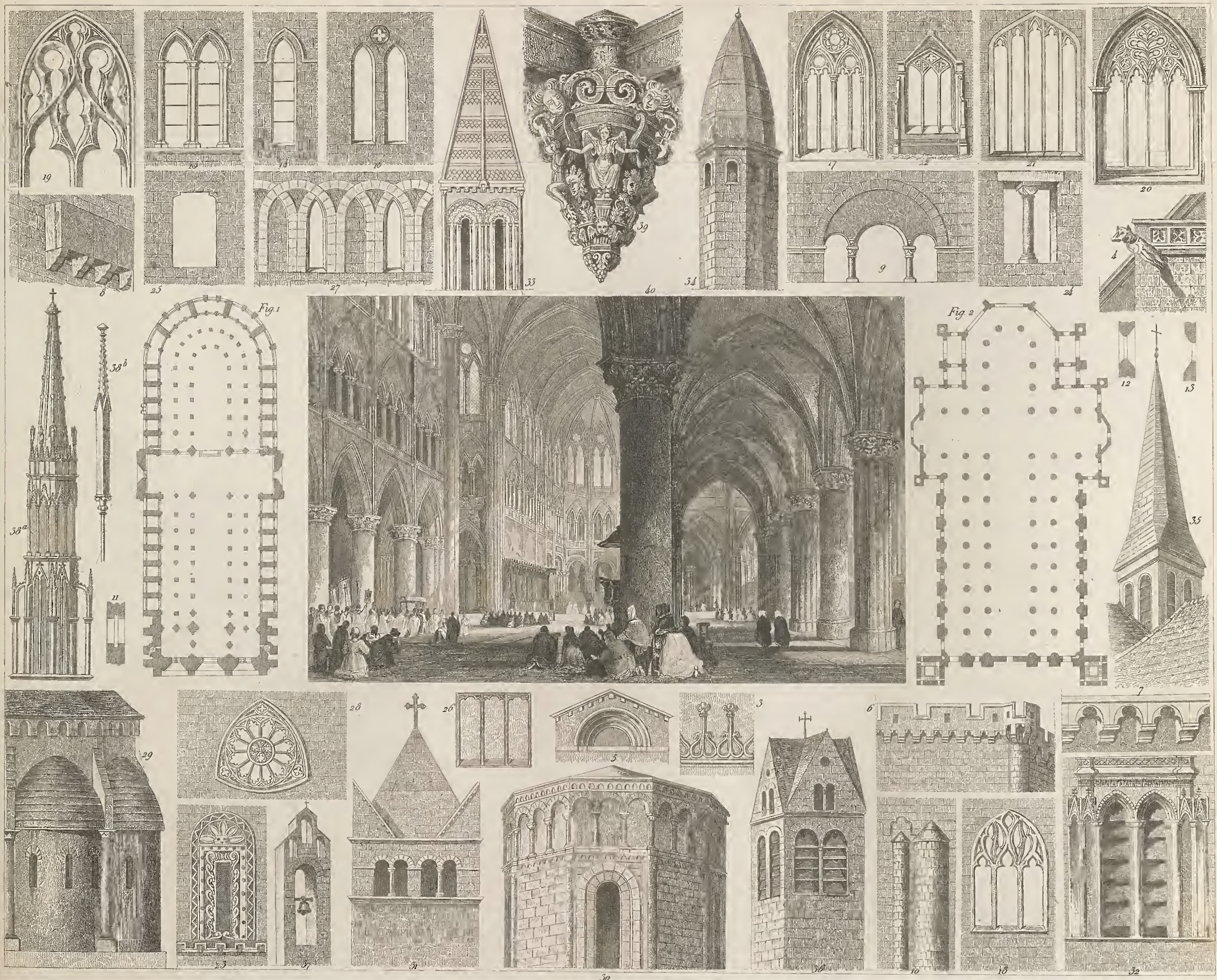


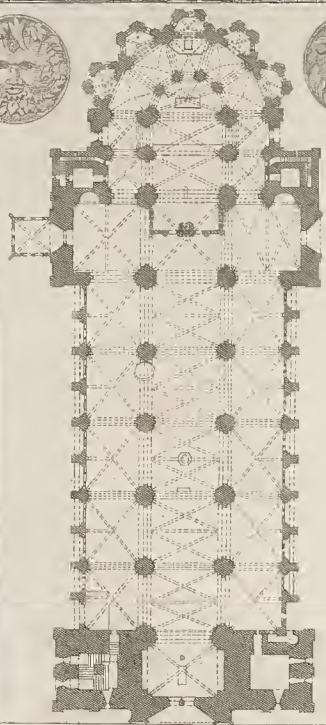
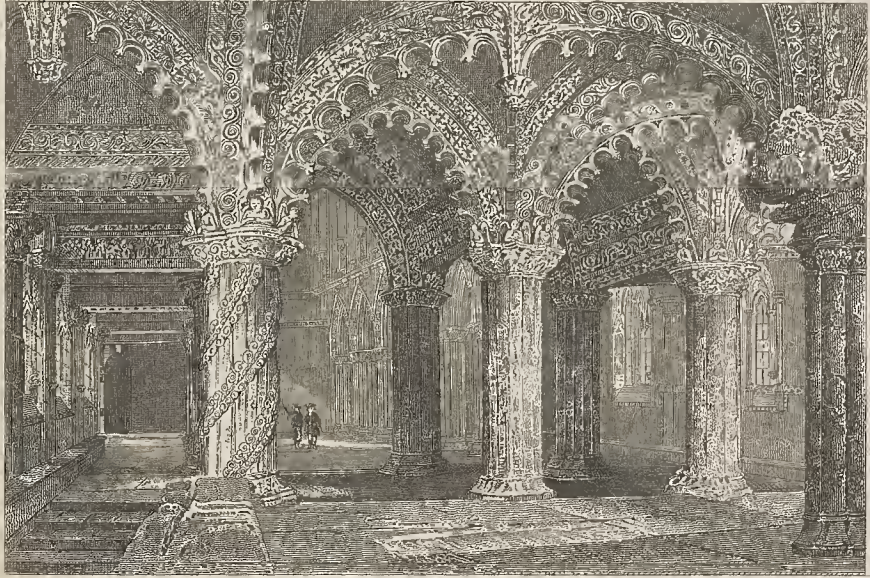
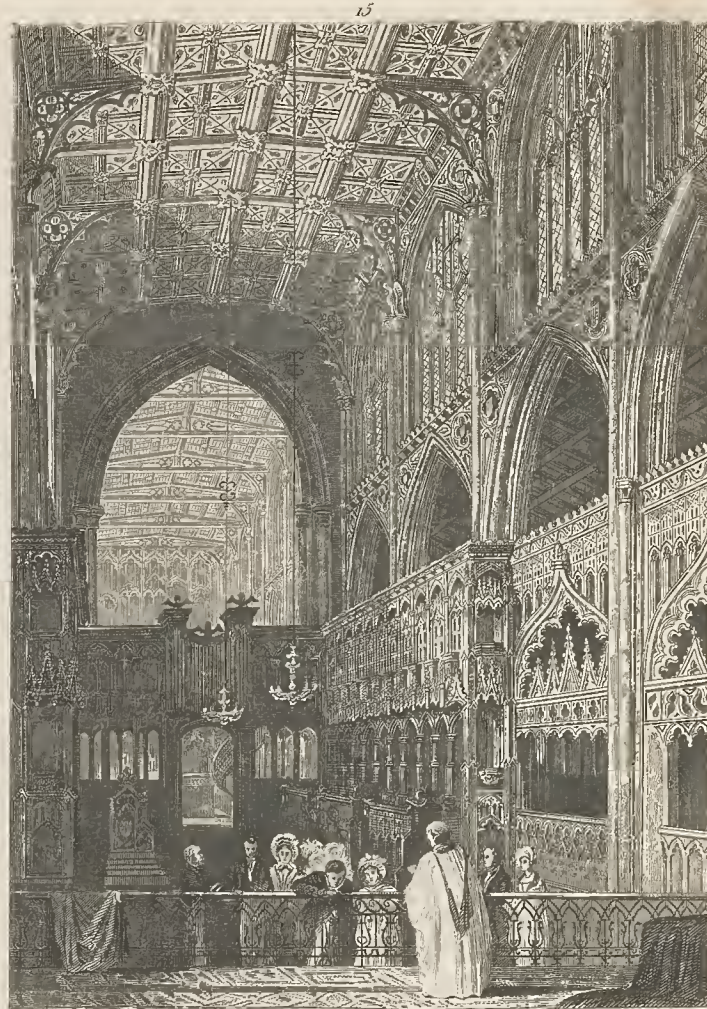


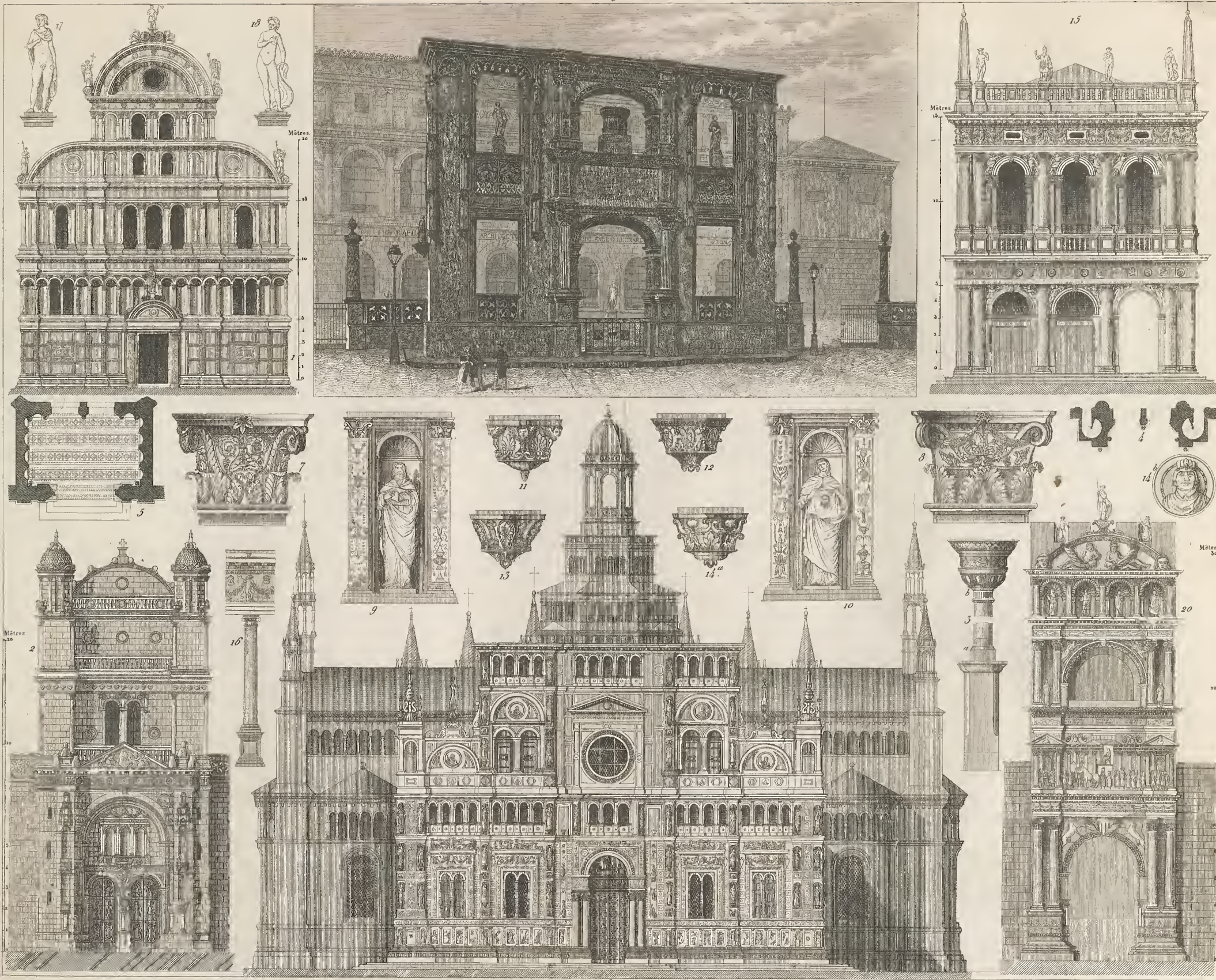


G. Heck. del.

Henry Winkles sculp.







G. Heck dir.

H. Krense sculp.



5



Fig. 1

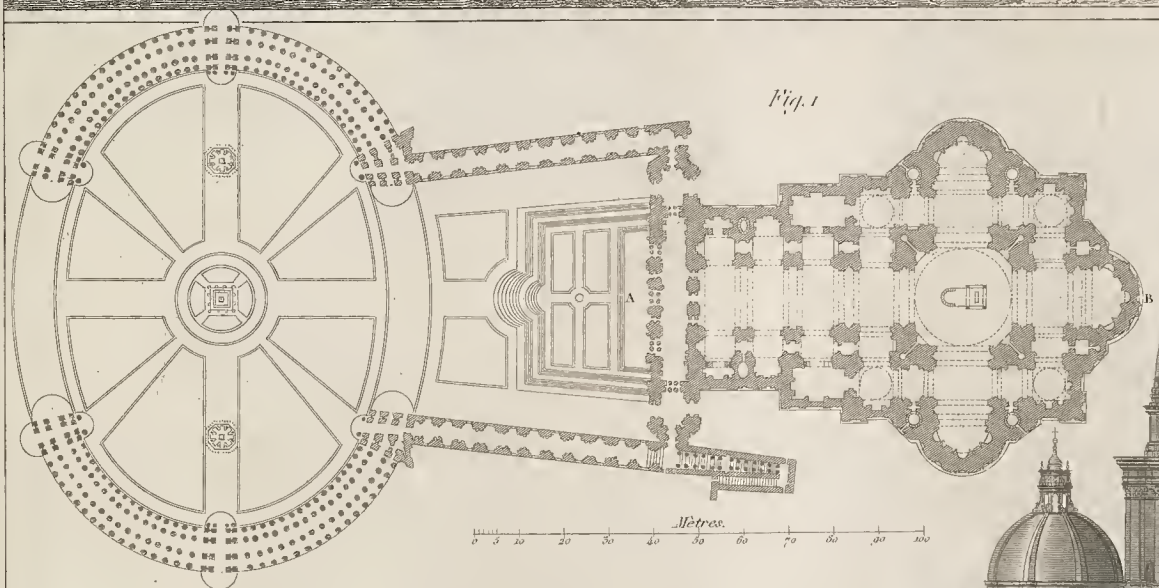
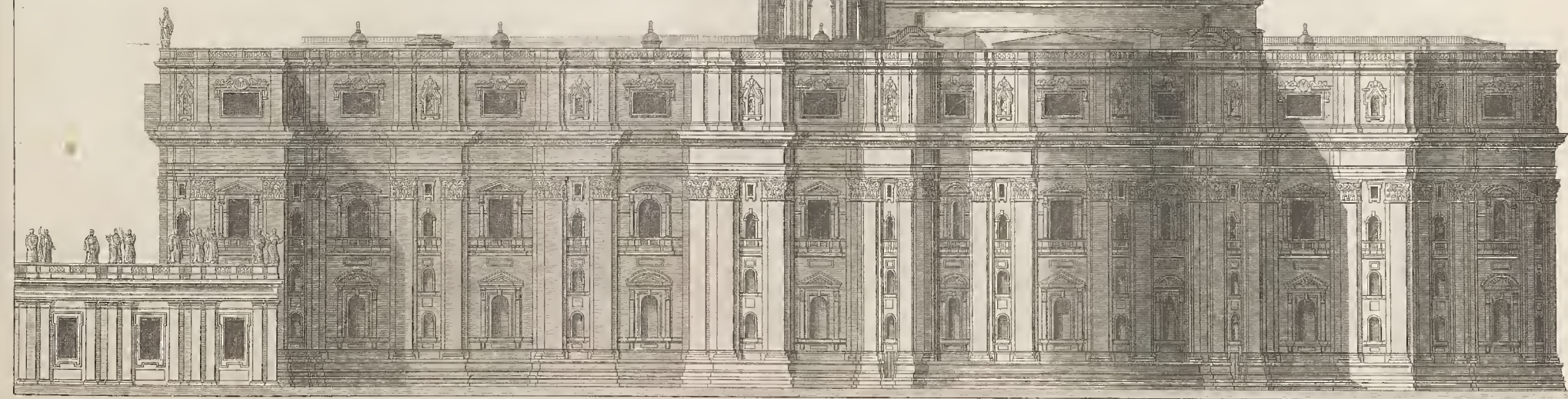
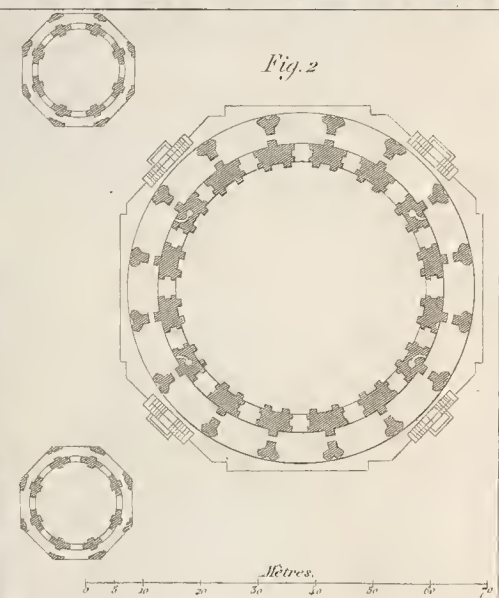
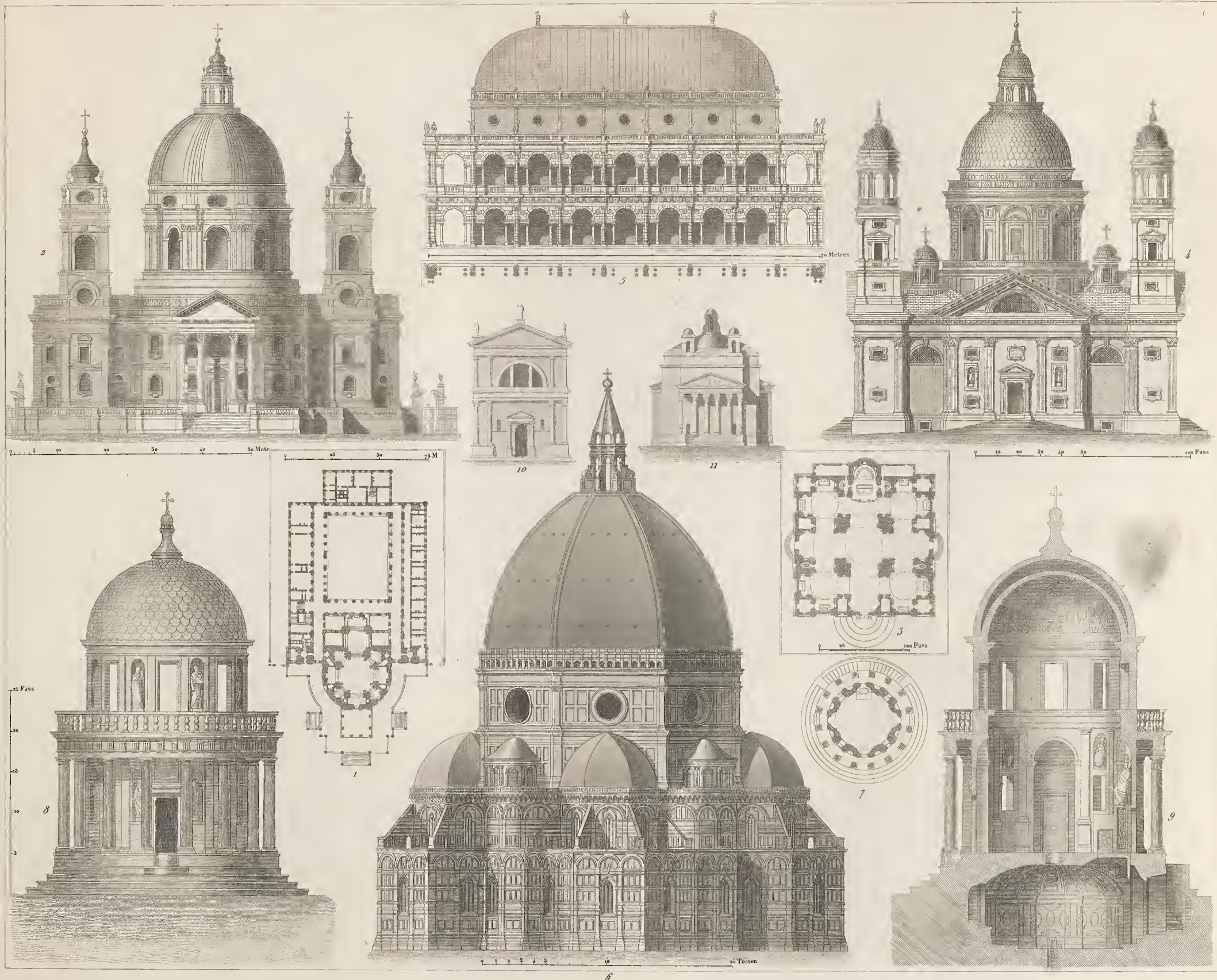


Fig. 2



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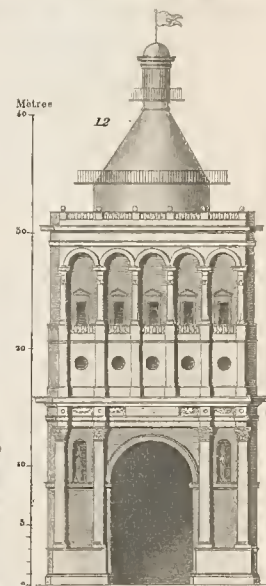
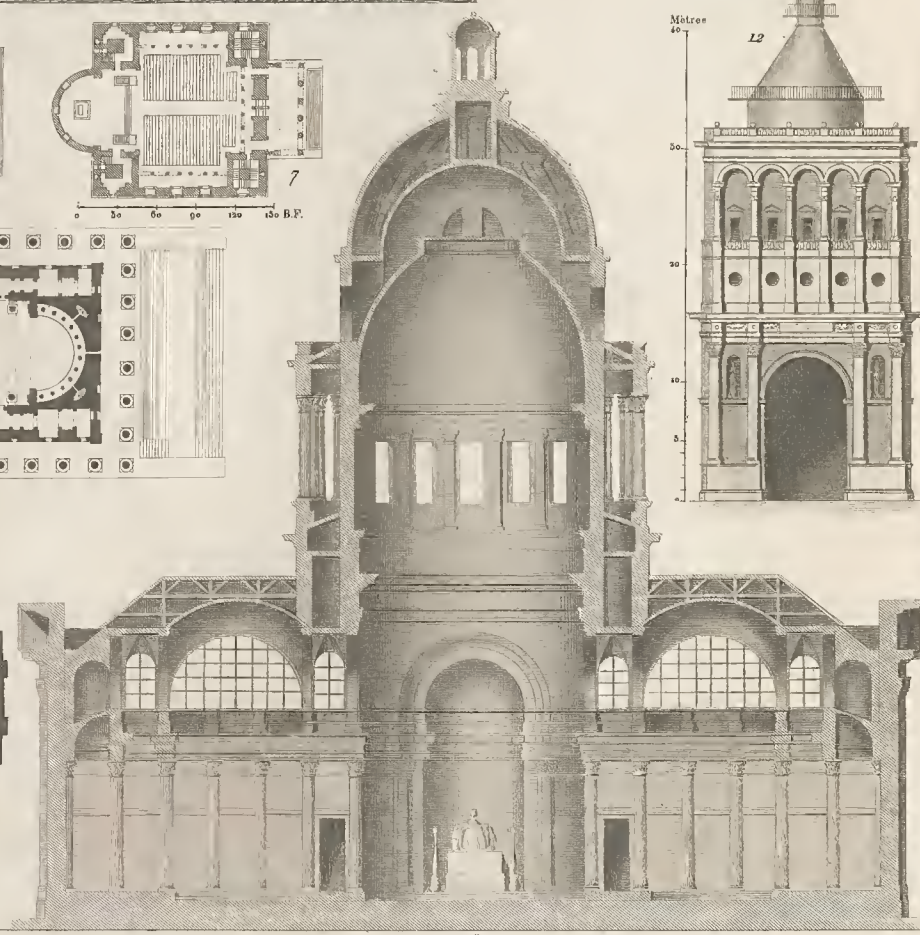
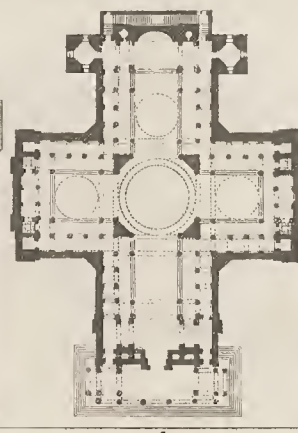
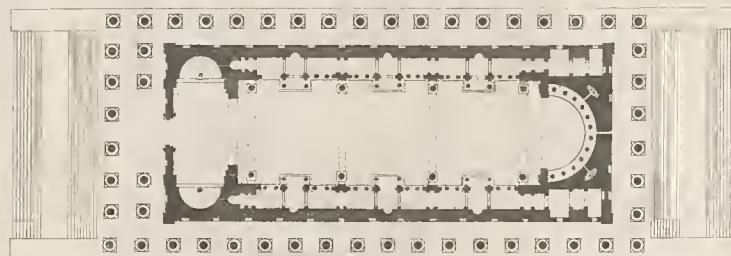
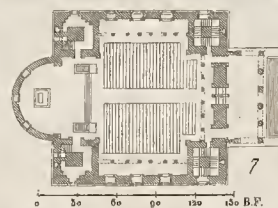
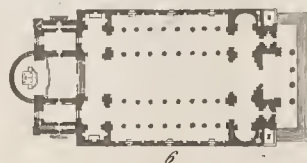
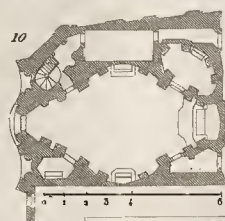
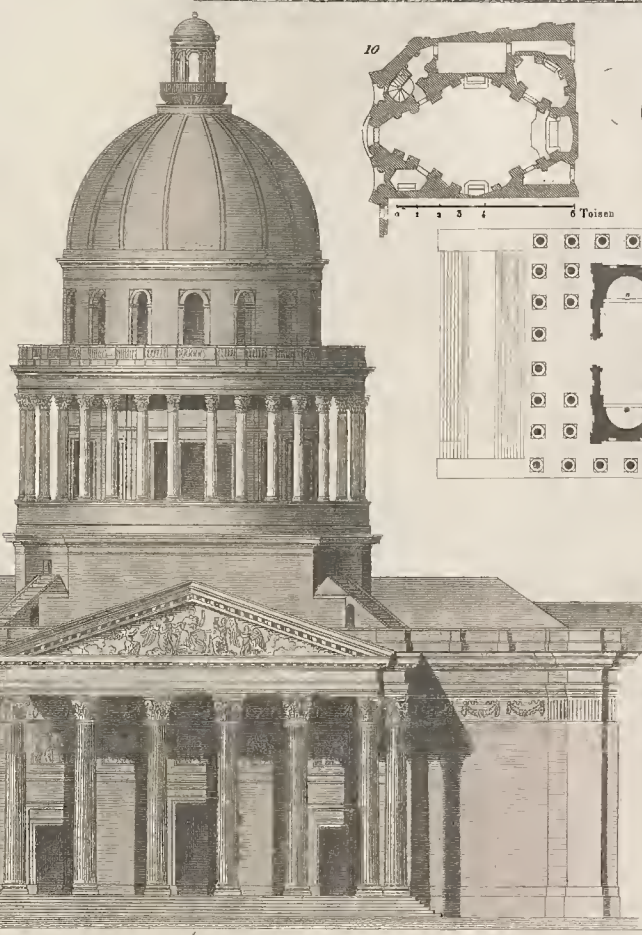
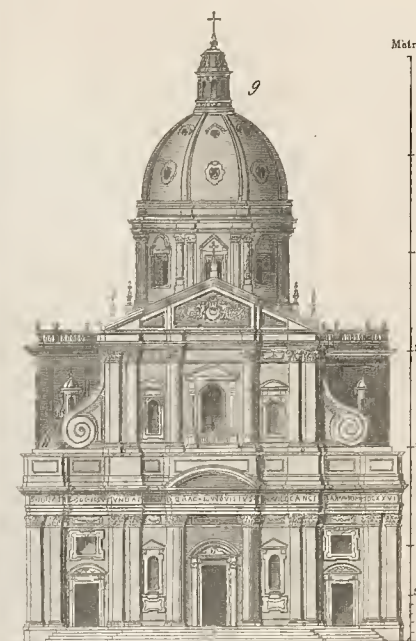
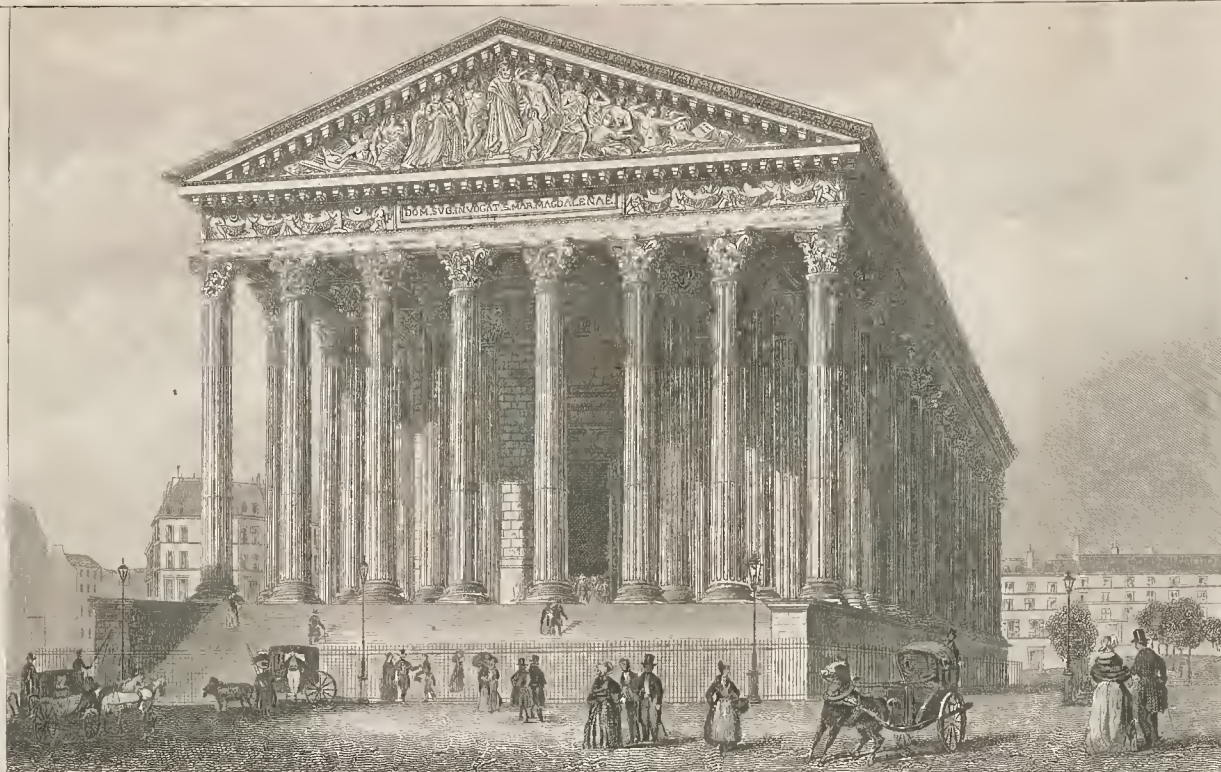
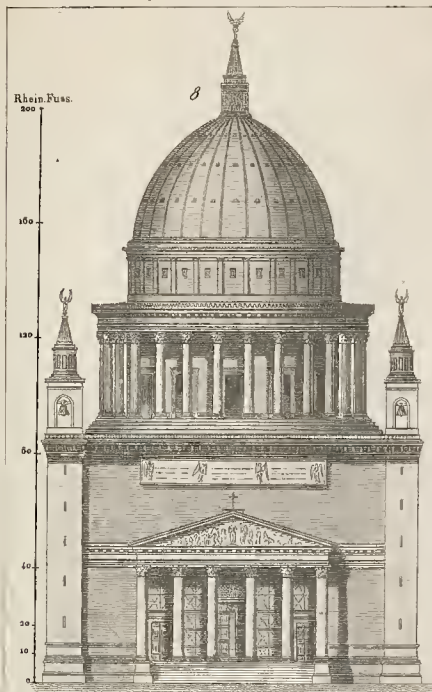




Henry Winkles sculpt.

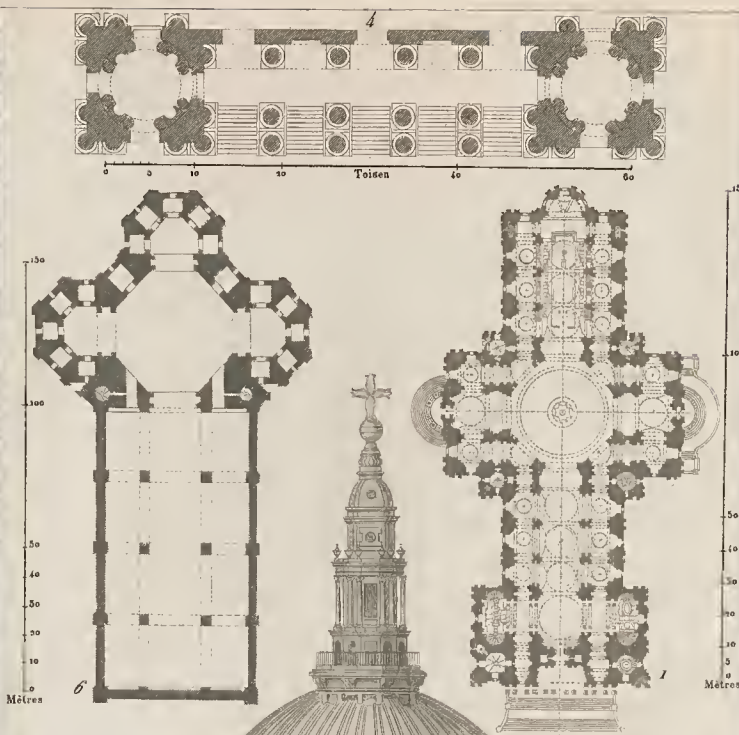
Maassstab für Fig. 6.

0 5 10 15 20 25 Sagen
 0 3.3 6.6 9.9 13.2 16.5 Engl. Fuss

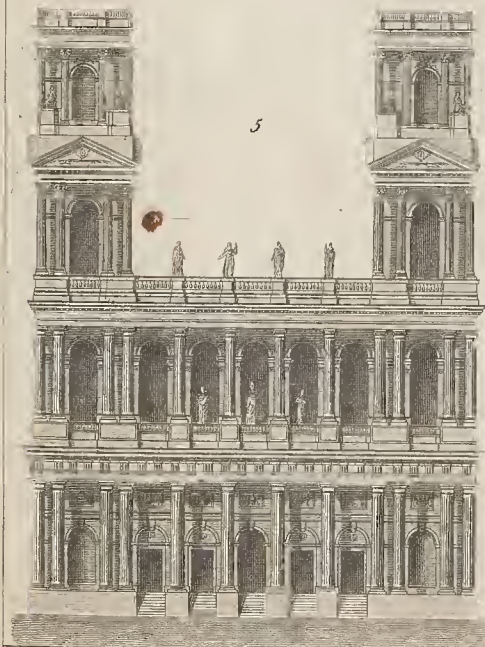




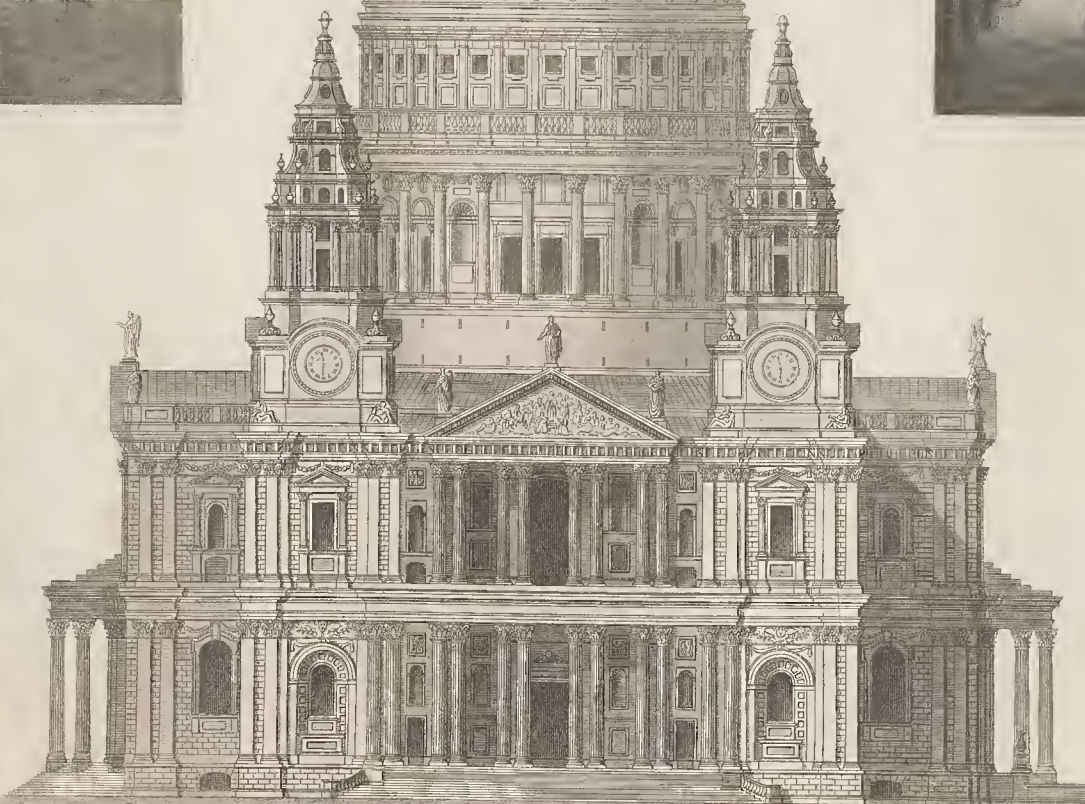
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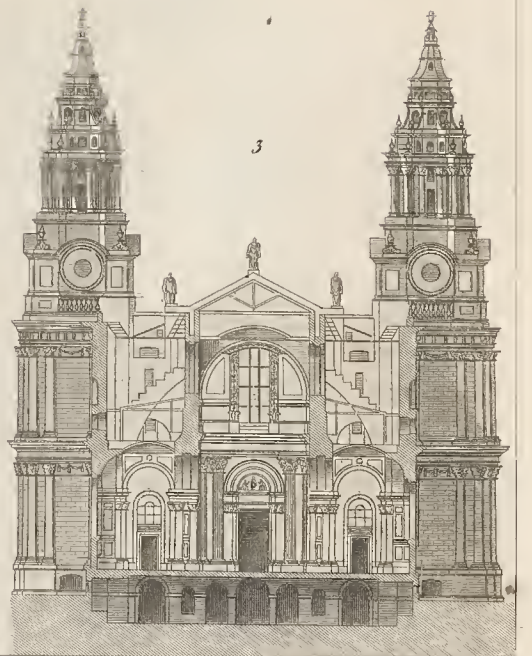
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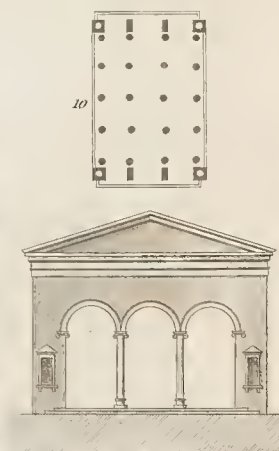
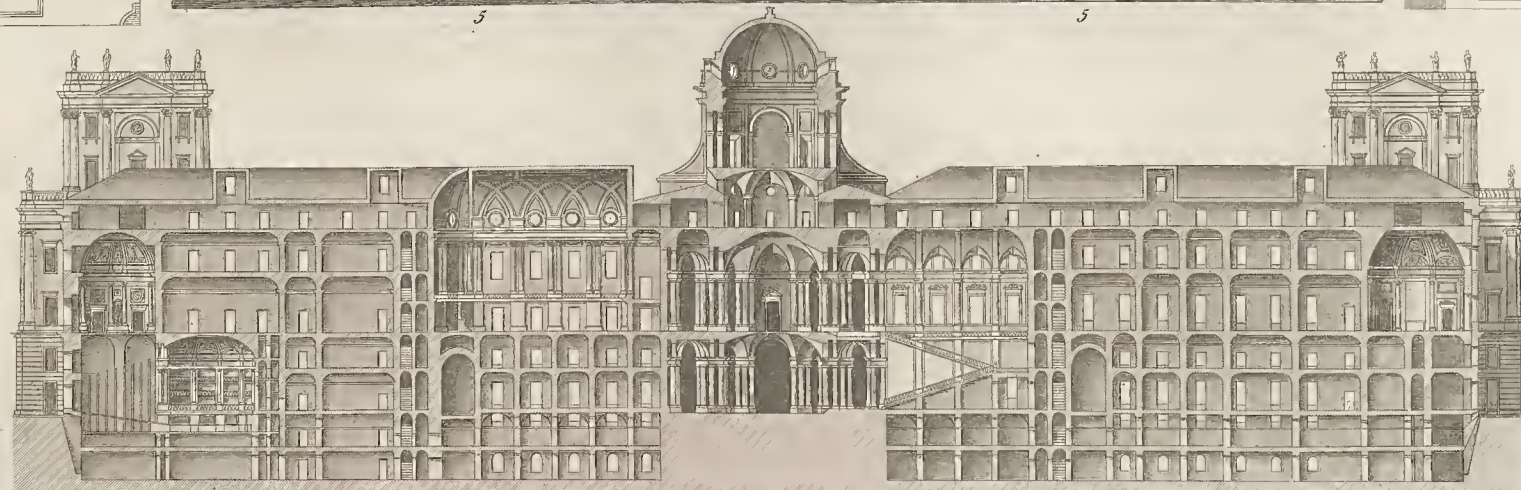
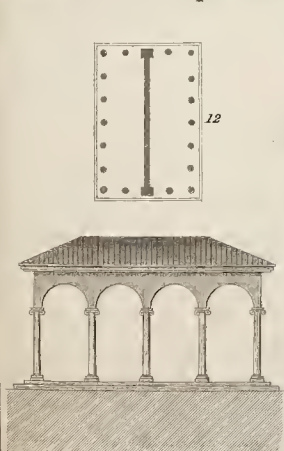
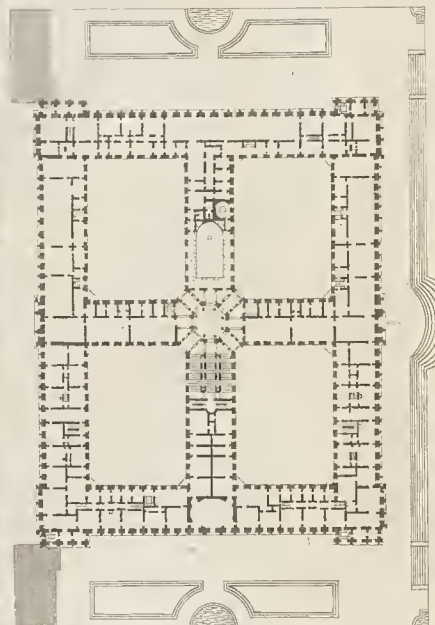
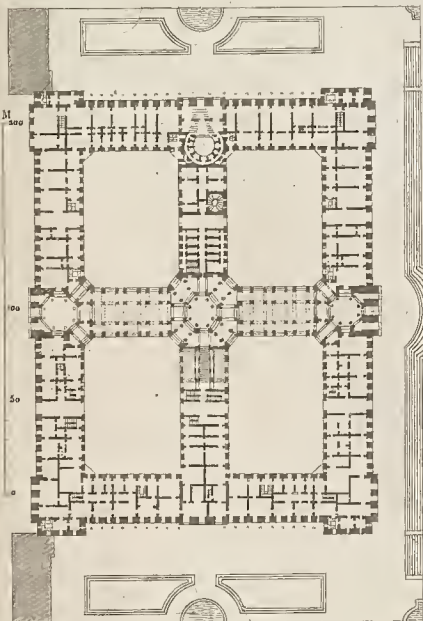
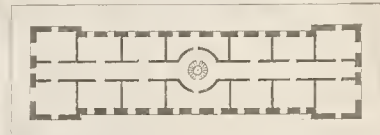
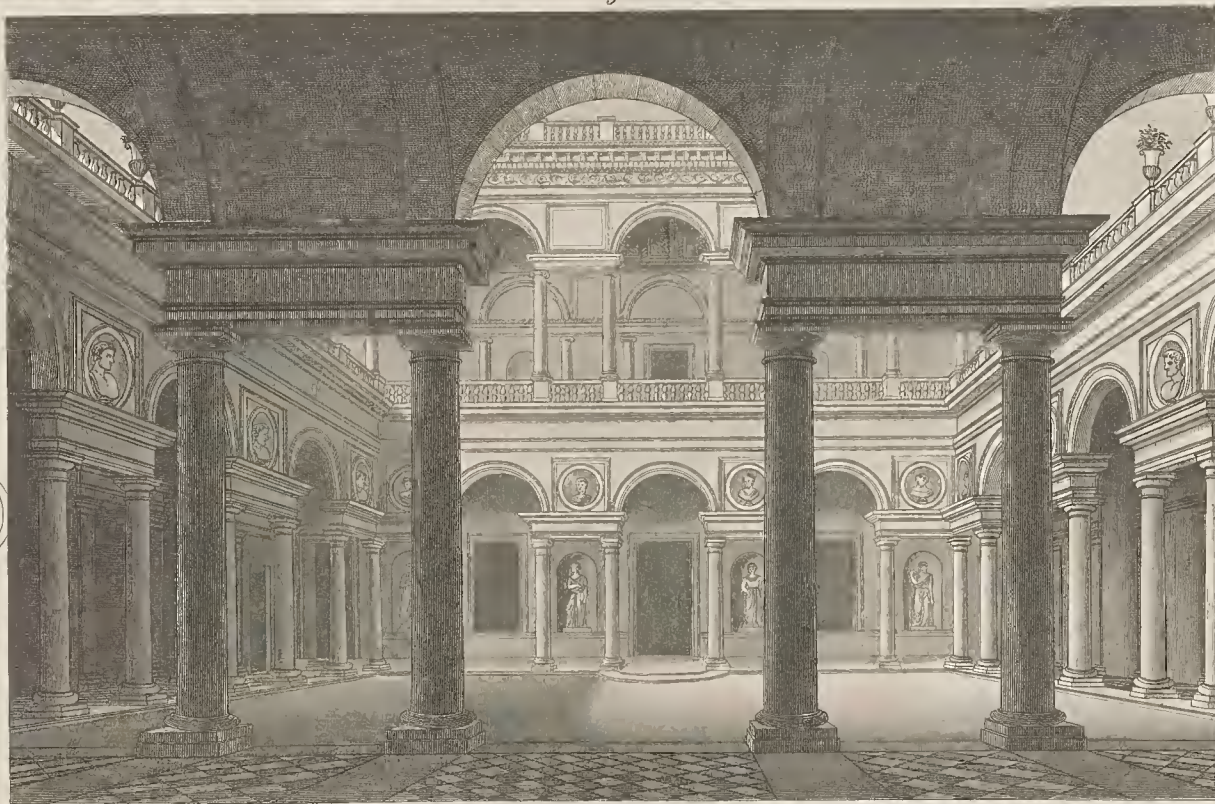
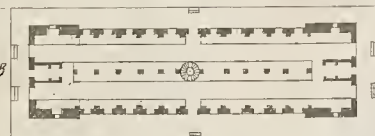
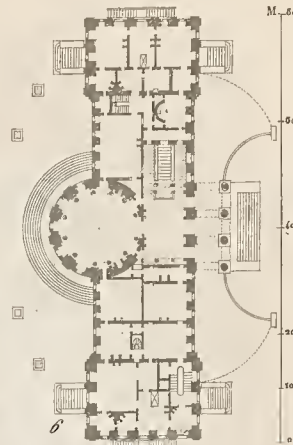
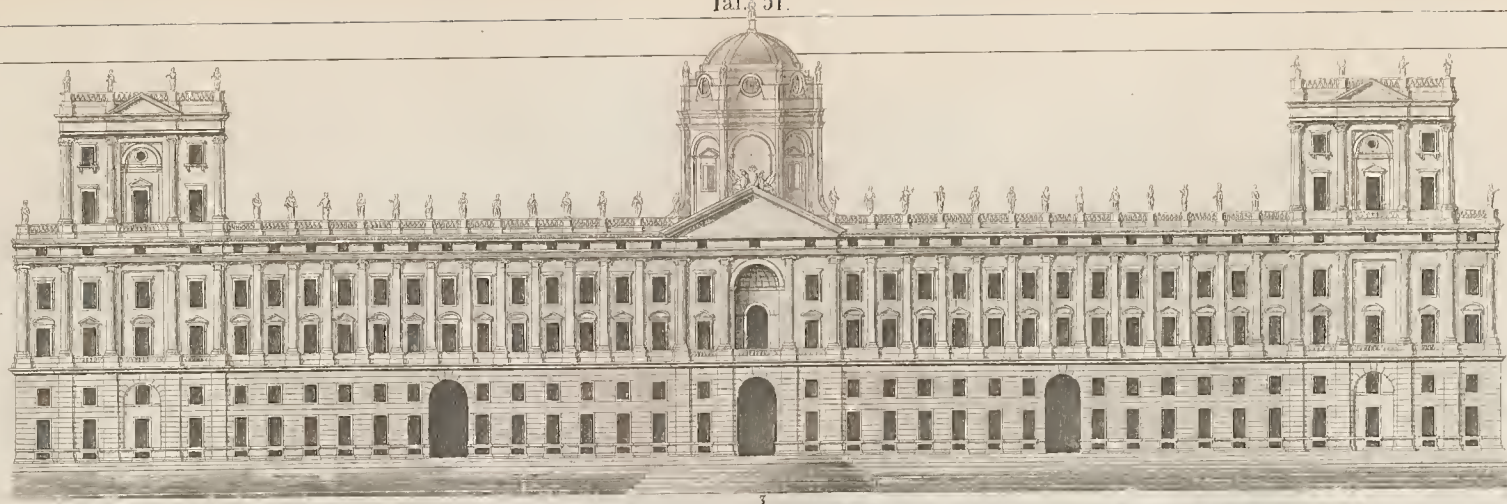
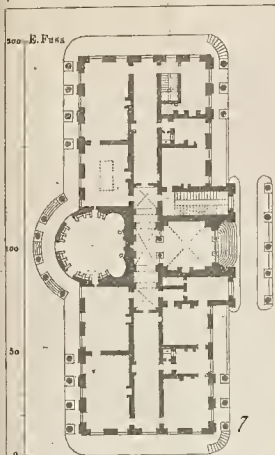
G. Heck del.
Toisen 0 10 20 30 40 50 60

Mètres 0 10 20 30 40 50 60

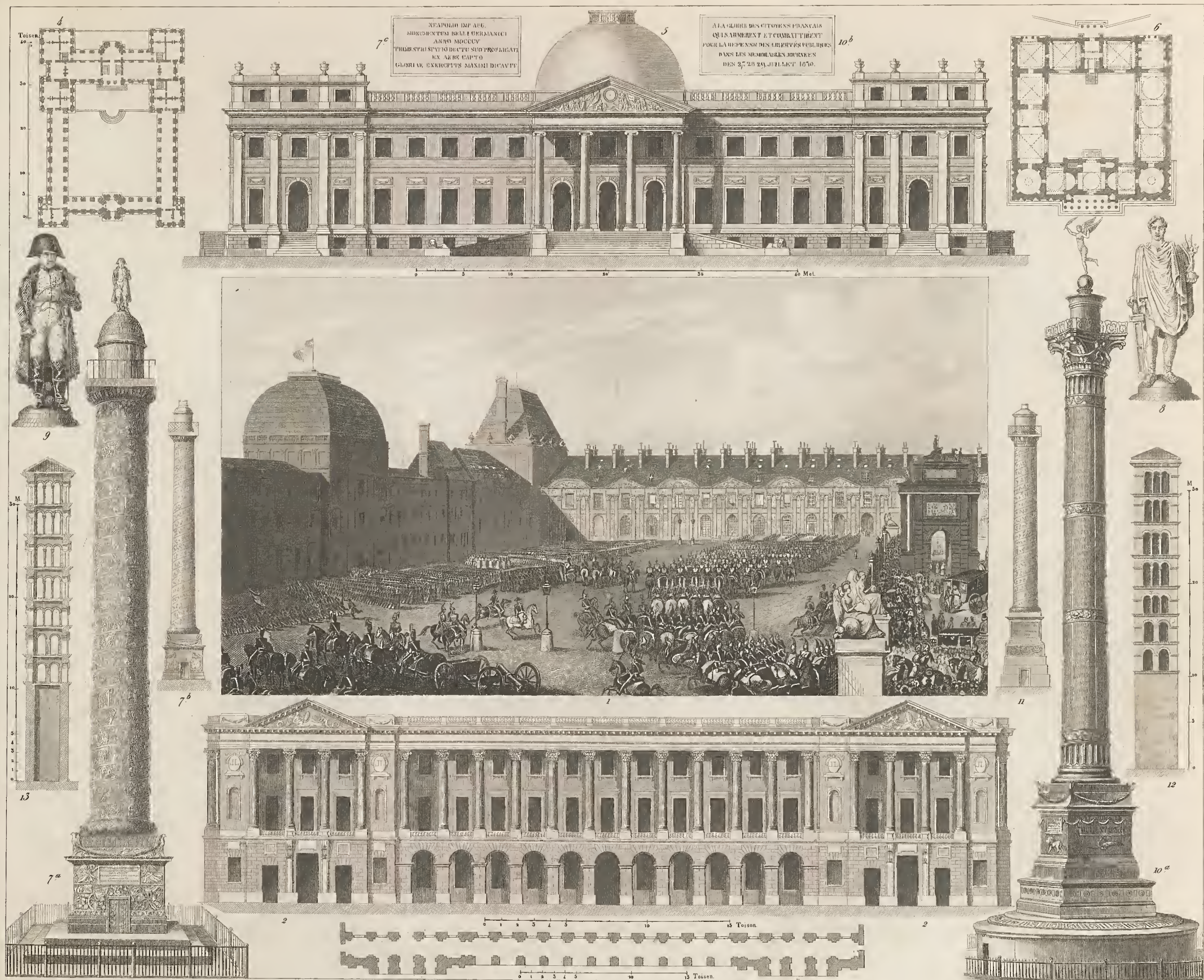
Mètres 0 10 20 30 40 50 60
Henry Winkles sculp.

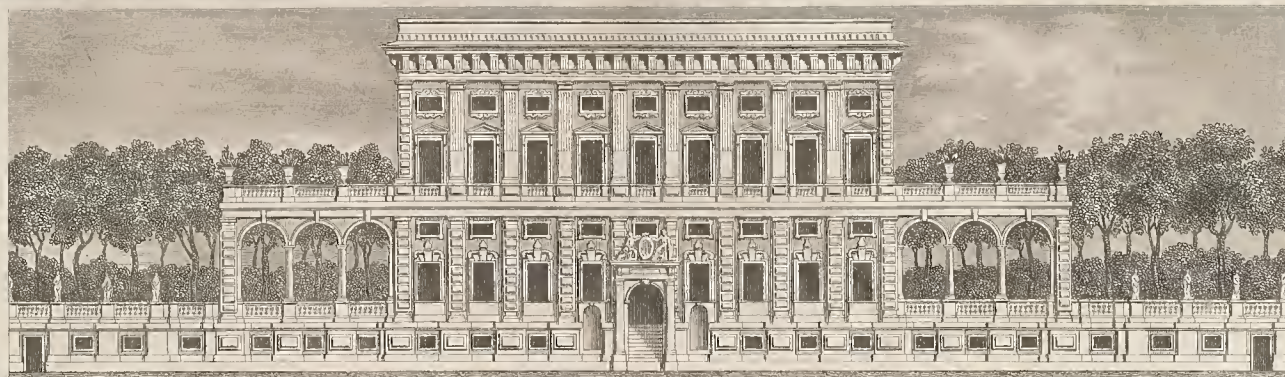
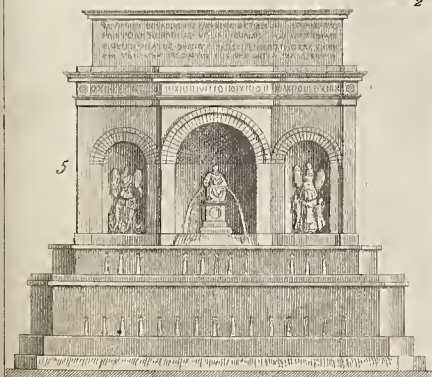
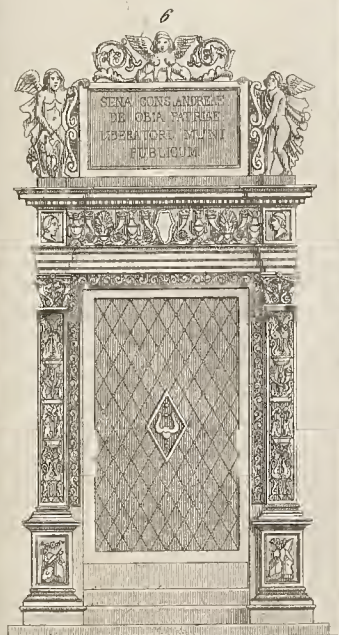
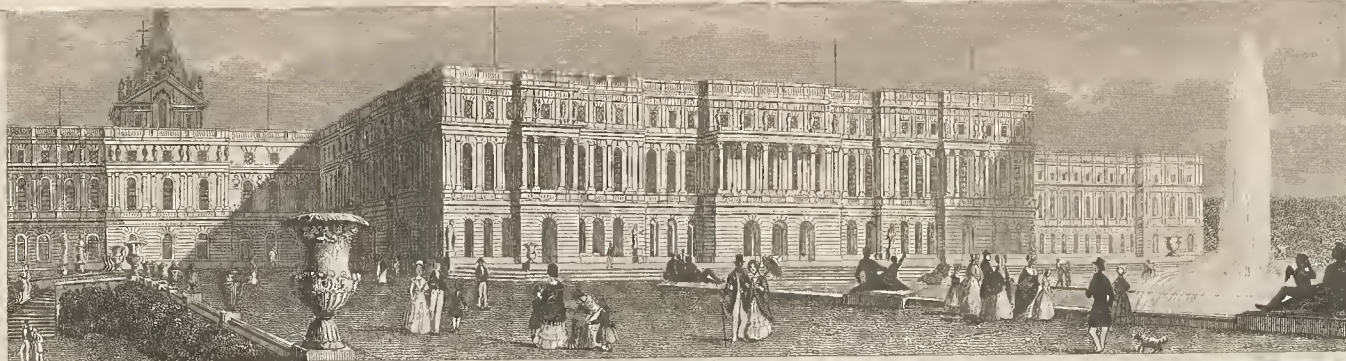


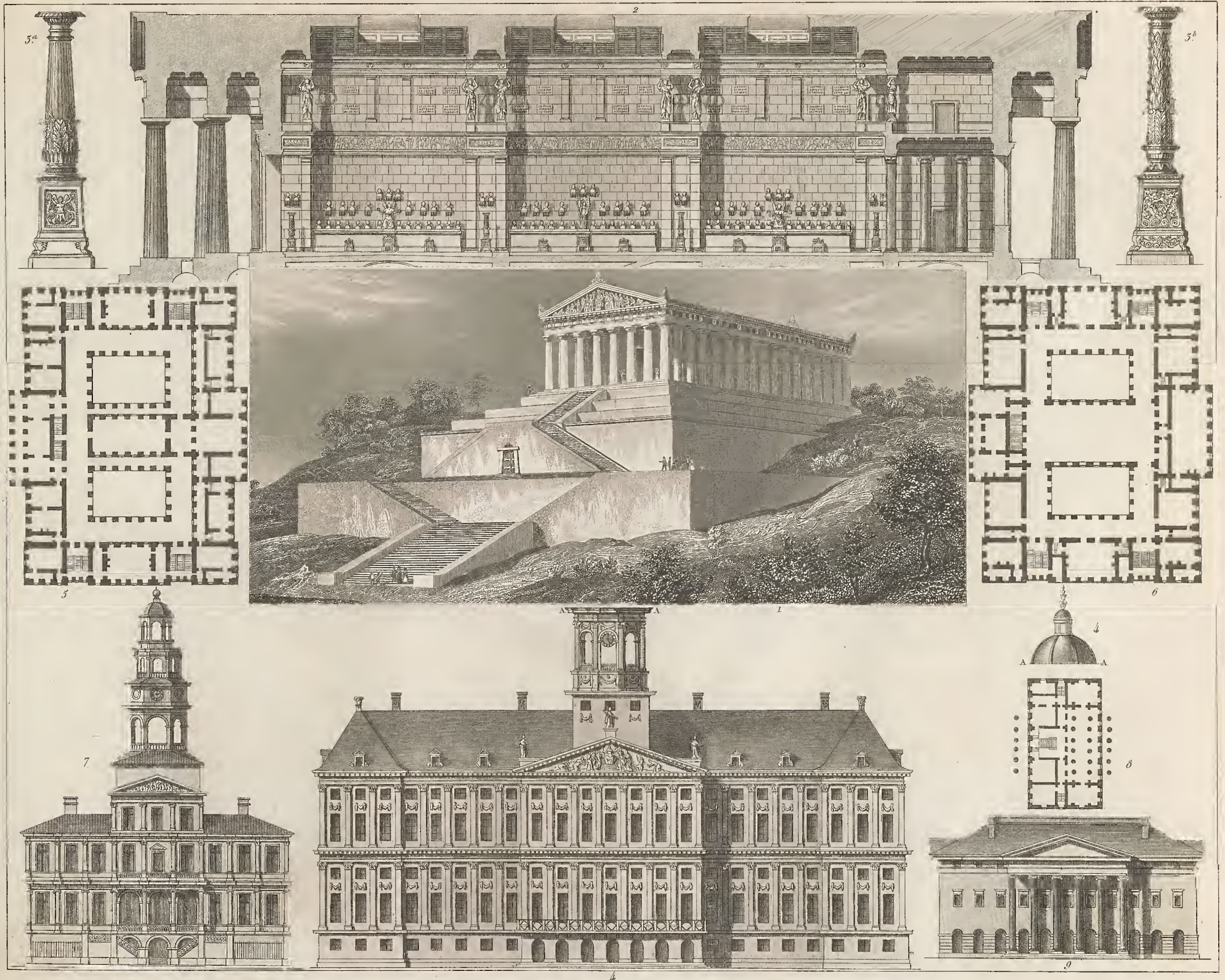


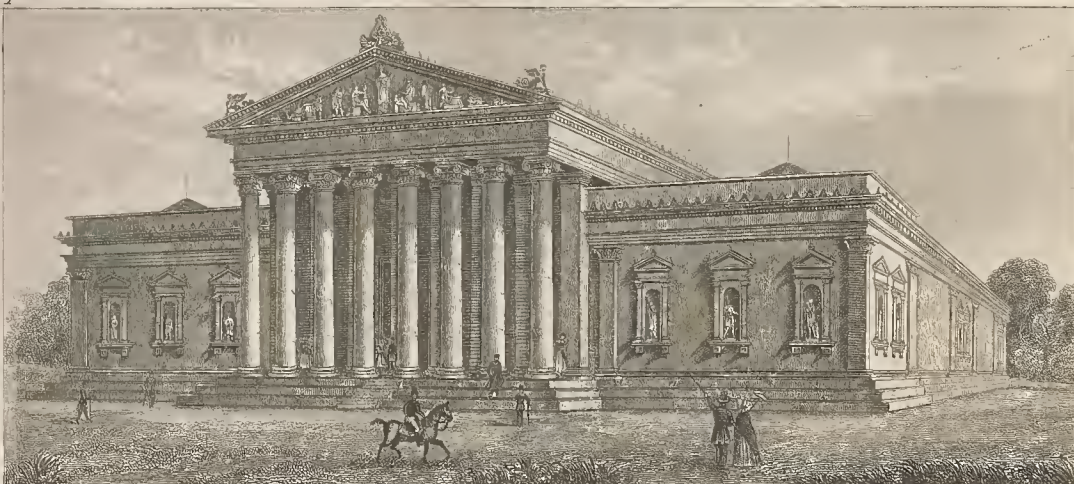
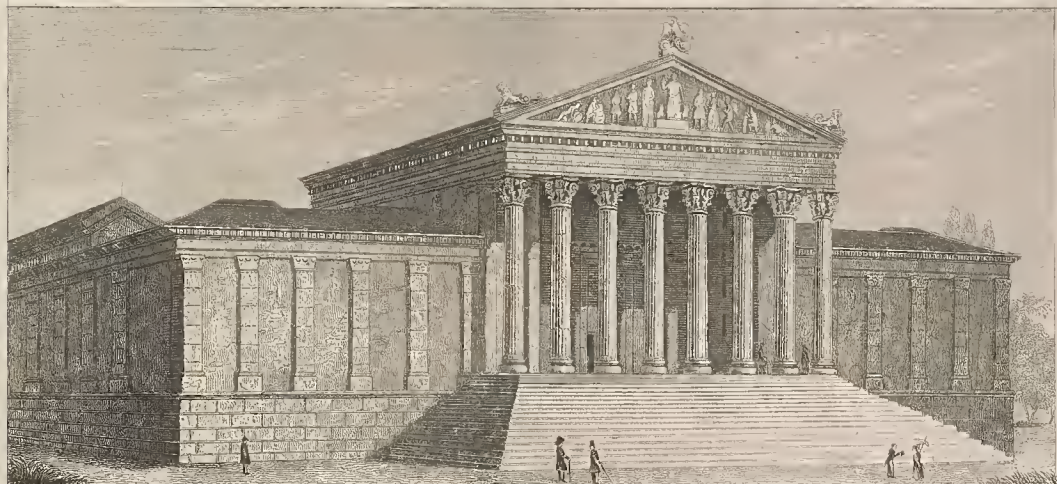
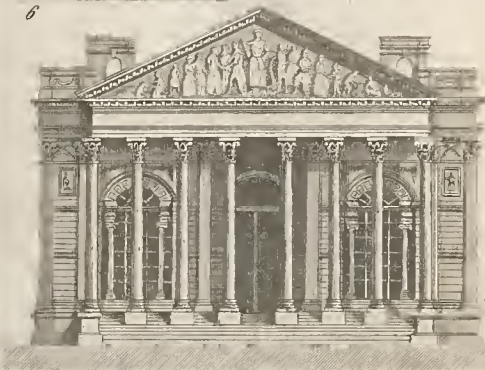
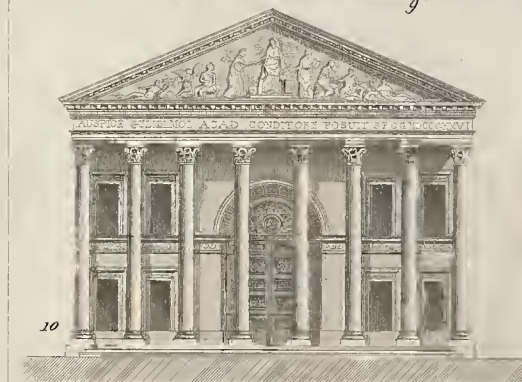
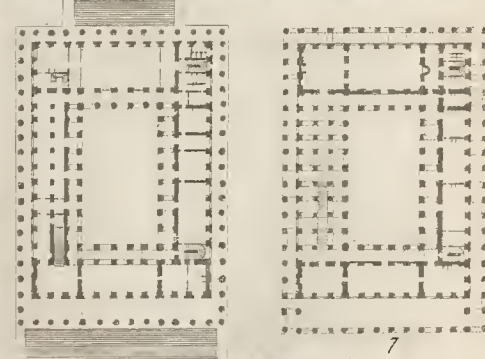
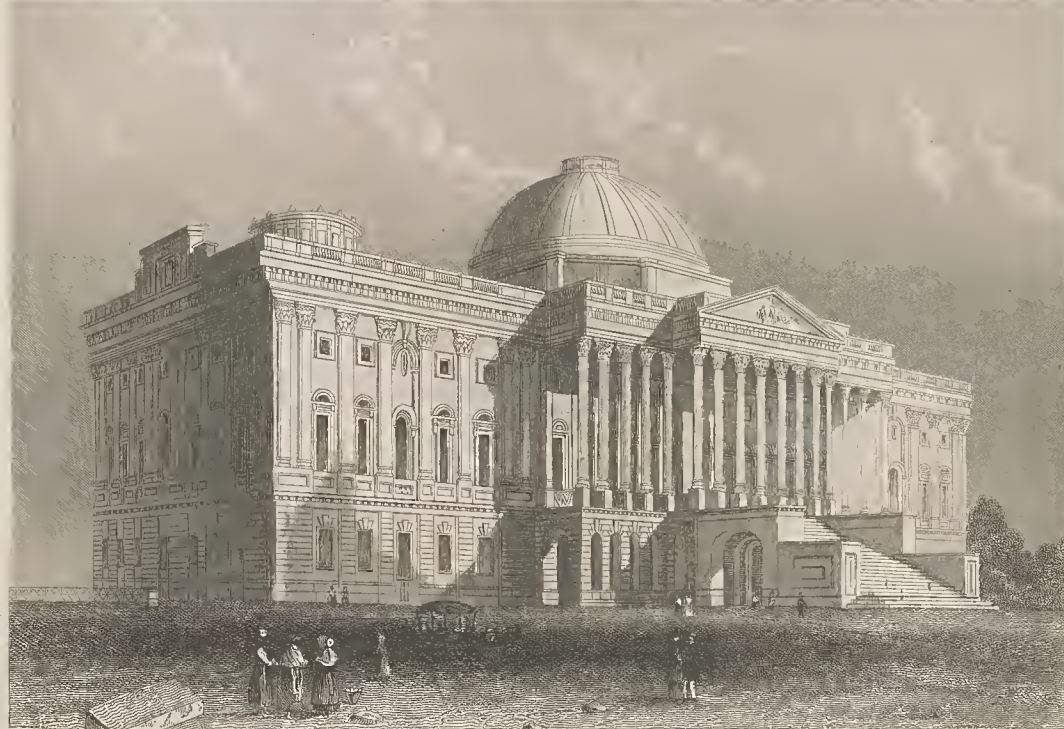
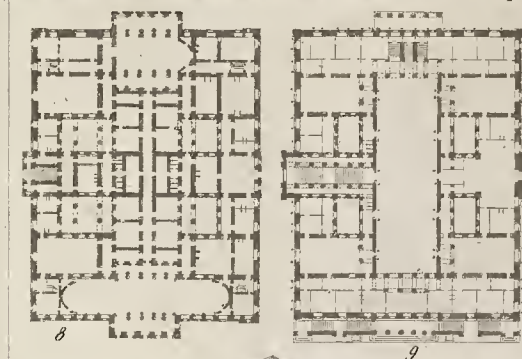
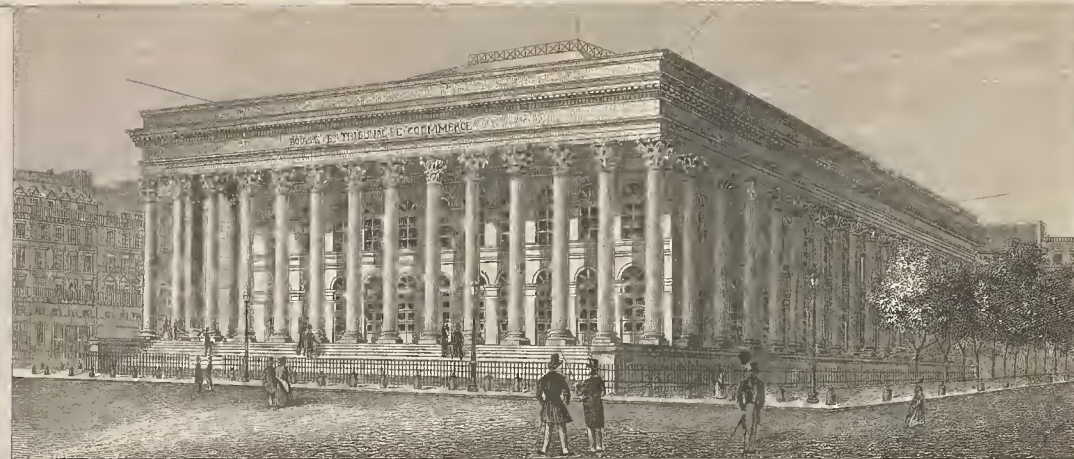


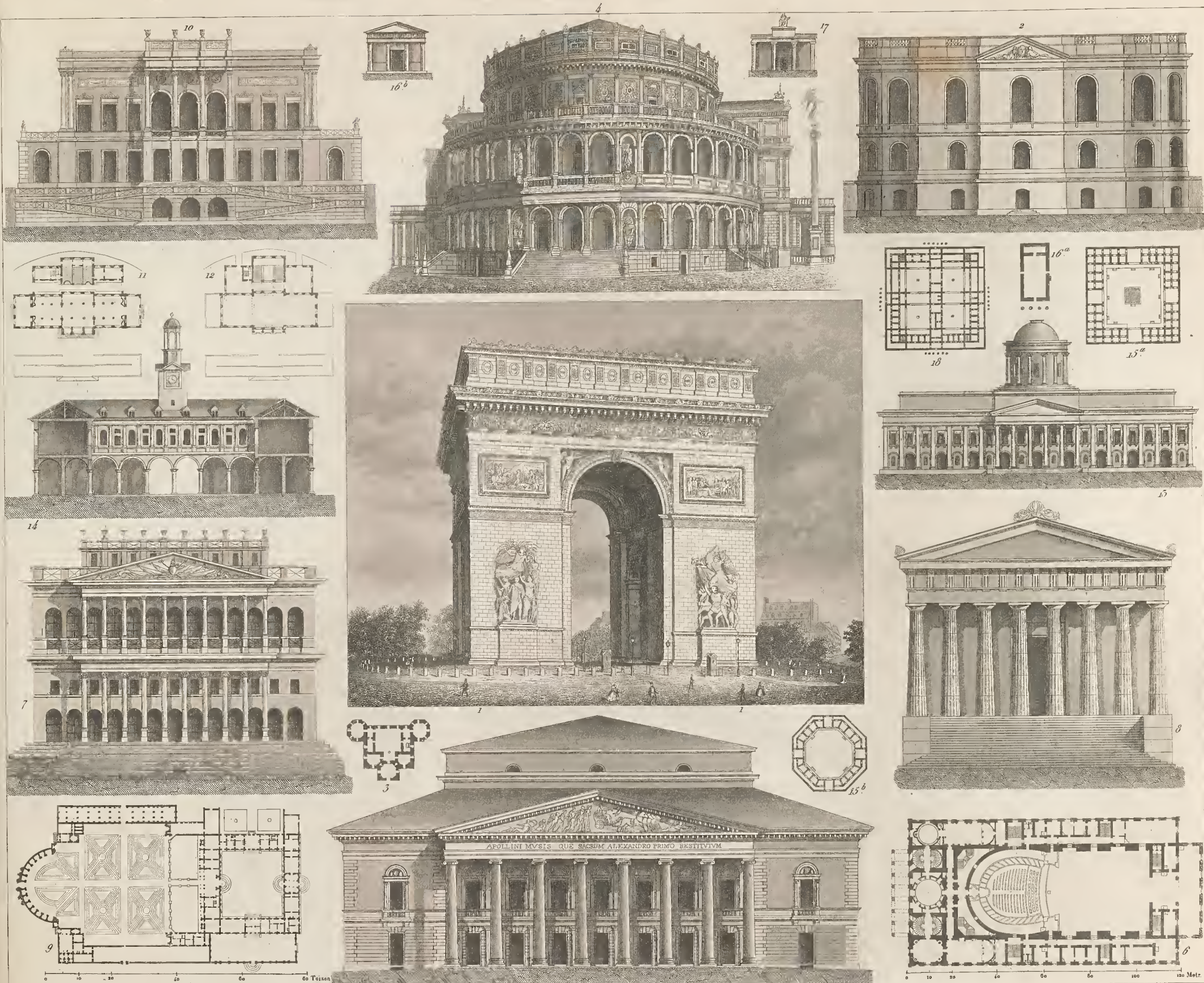












G. Heck dir.

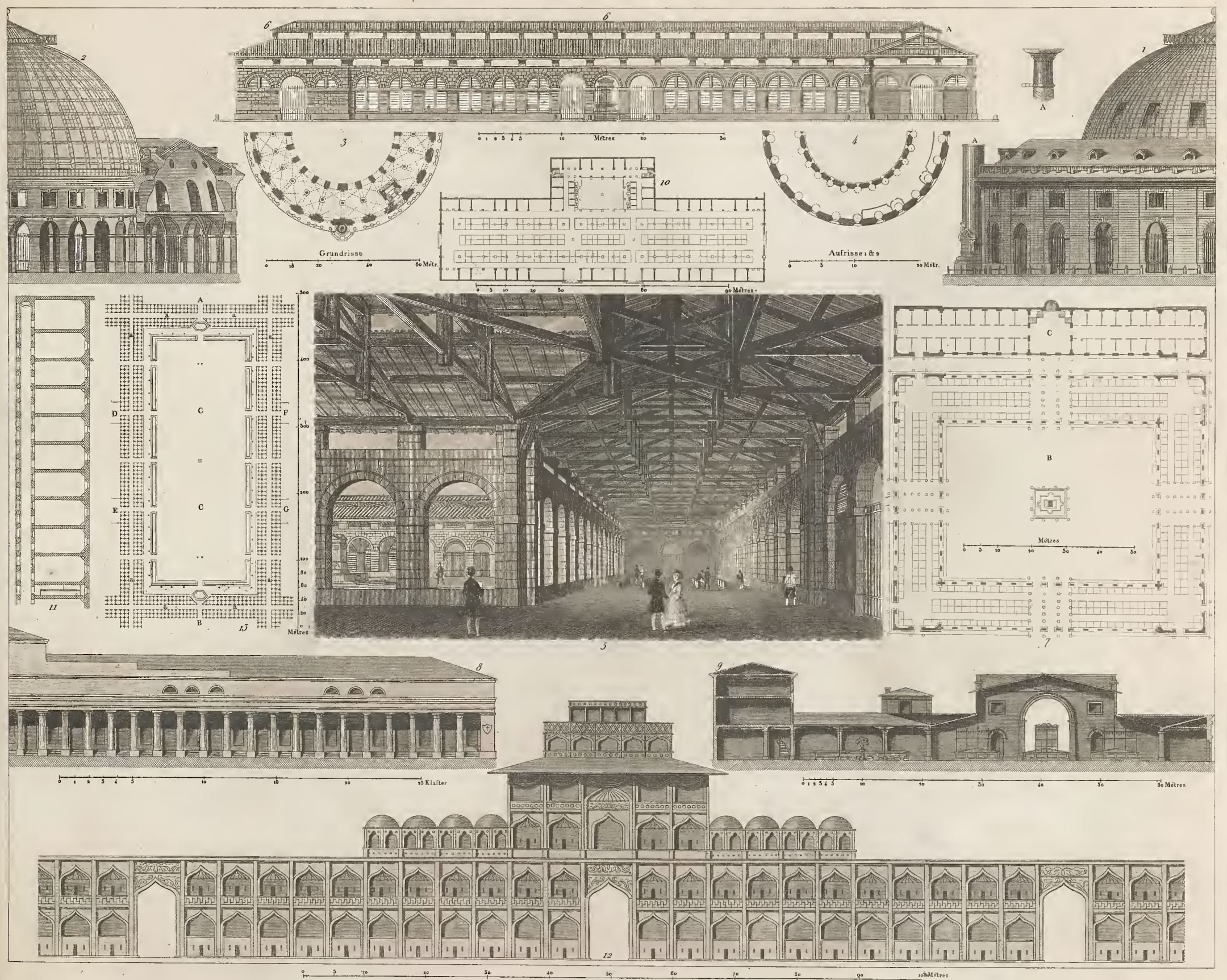
Maasstab für Fig. 2

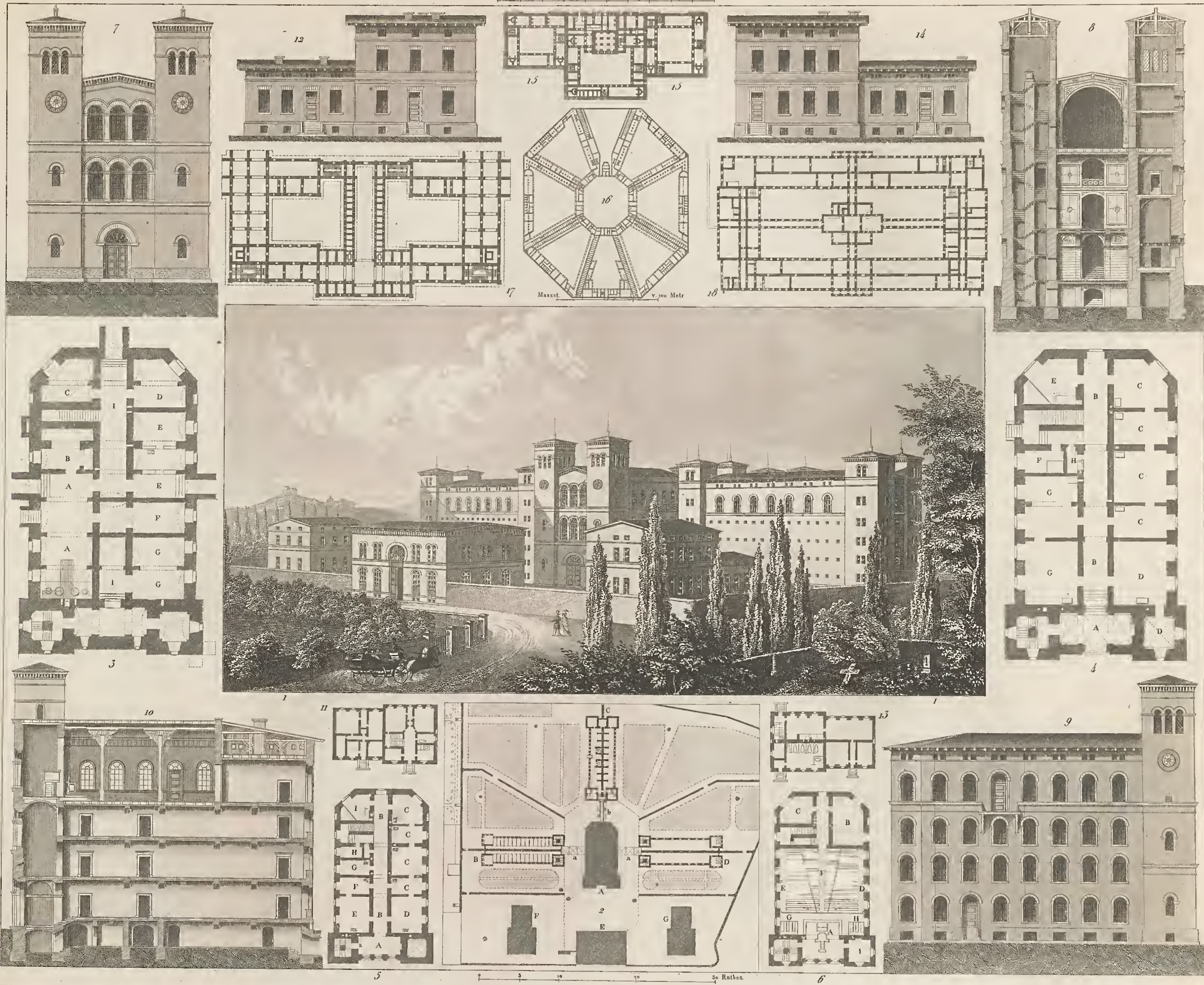
0 5 10 20 30 40 Metres

Maasstab für Fig. 18

0 25 50 100 150 Metres

E. Krauss sculp





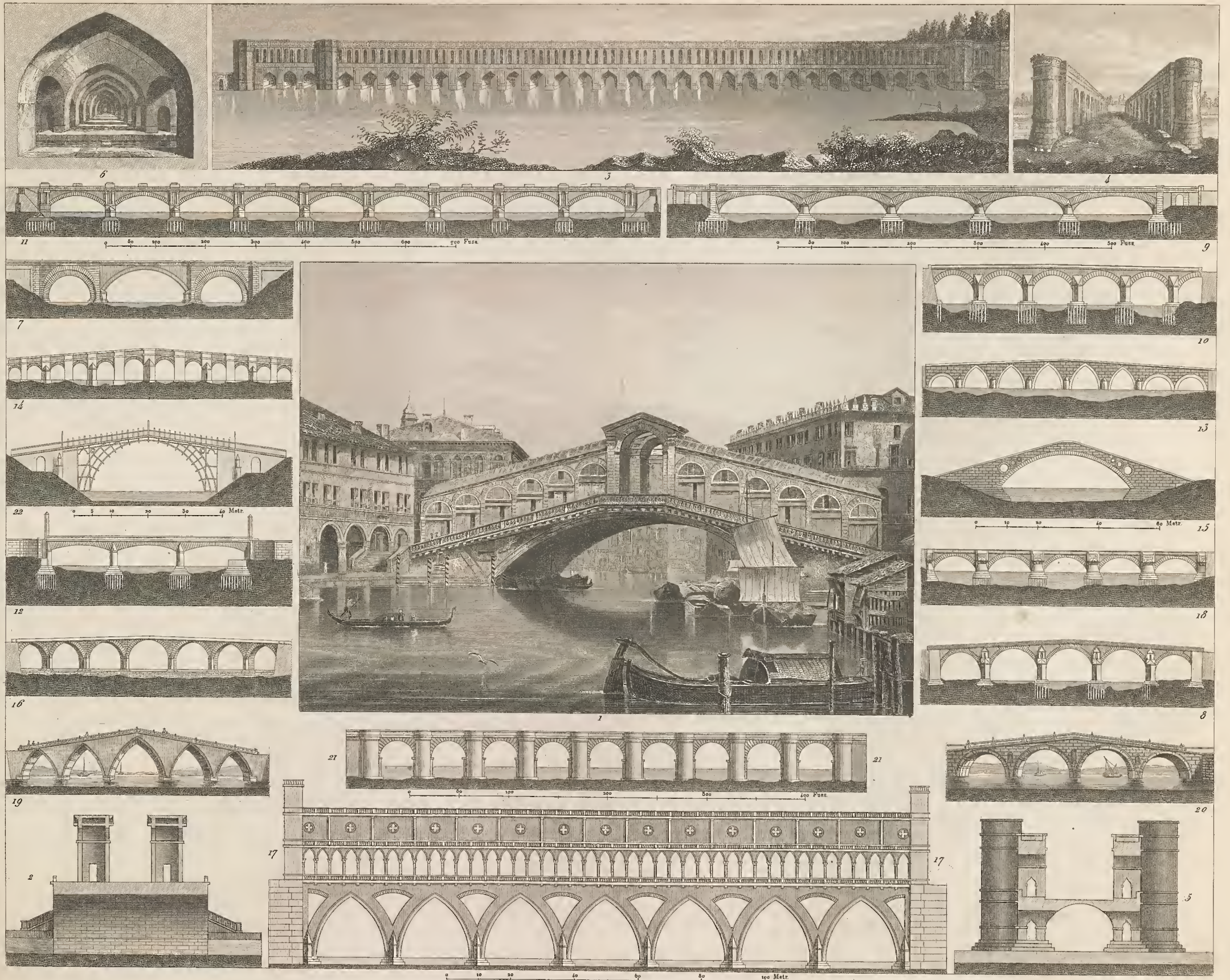
G. Heeb arch.

J. Keller sculp.

Maasstab für Fig. 3 & 4
0 10 20 30 40 50 60 70 80 Fuss.

Maasstab für Fig. 17
0 10 20 30 40 50 60 70 80 90 100 Metr.

Maasstab für Fig. 18
0 10 20 30 40 50 60 70 80 90 100 Metr.



ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION VIII.

MYTHOLOGY AND RELIGIOUS RITES.

THIRTY PLATES.

[THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. IV. OF THE TEXT.]

THE PLATES ARE NUMBERED VIII. 1—30.

NEW YORK: 1851.

PUBLISHED BY RUDOLPH GARRIGUE,
2 BARCLAY STREET (ASTOR HOUSE).

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1911

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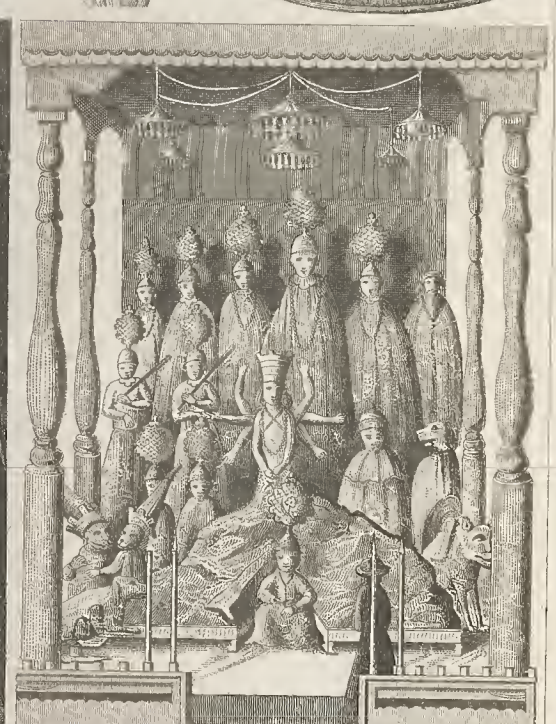
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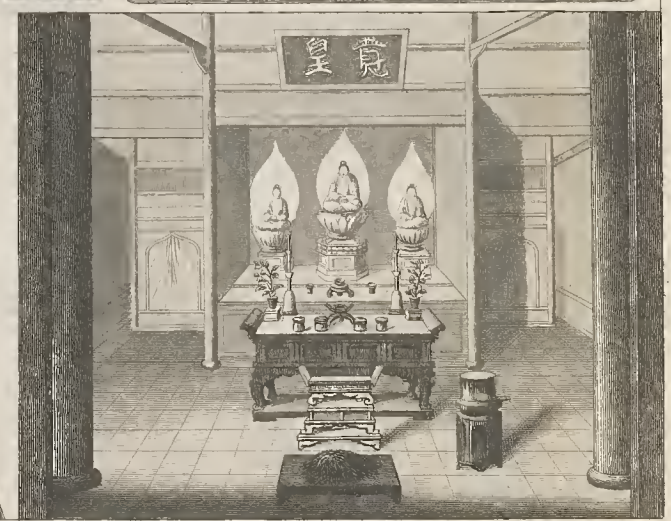
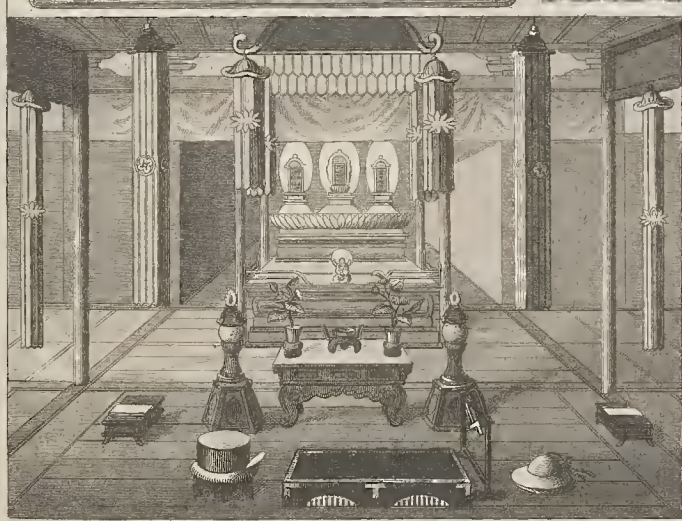


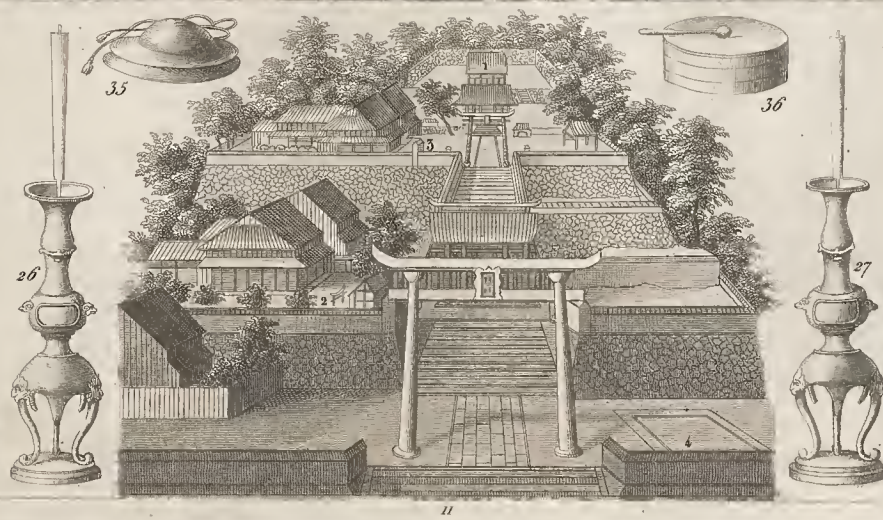
皇極經世一書



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欣文兒



輪金十字



20.2



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23



20.3

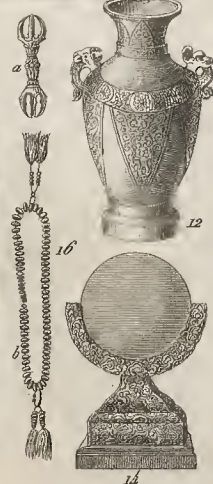


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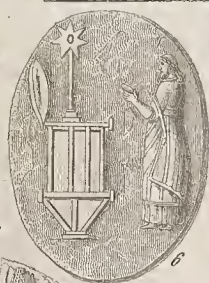
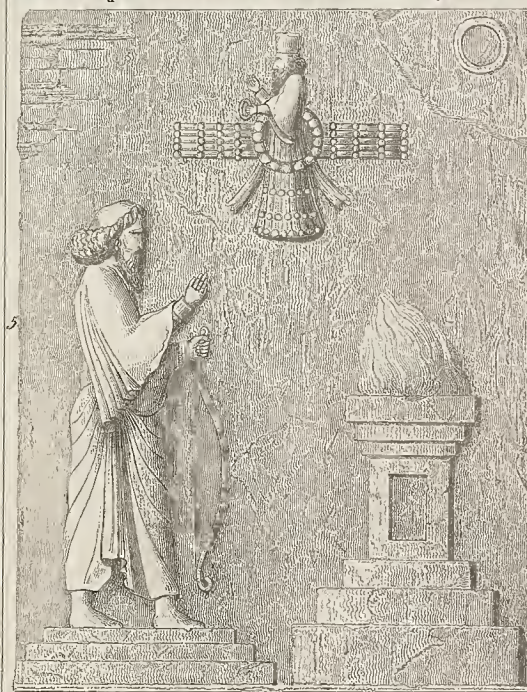
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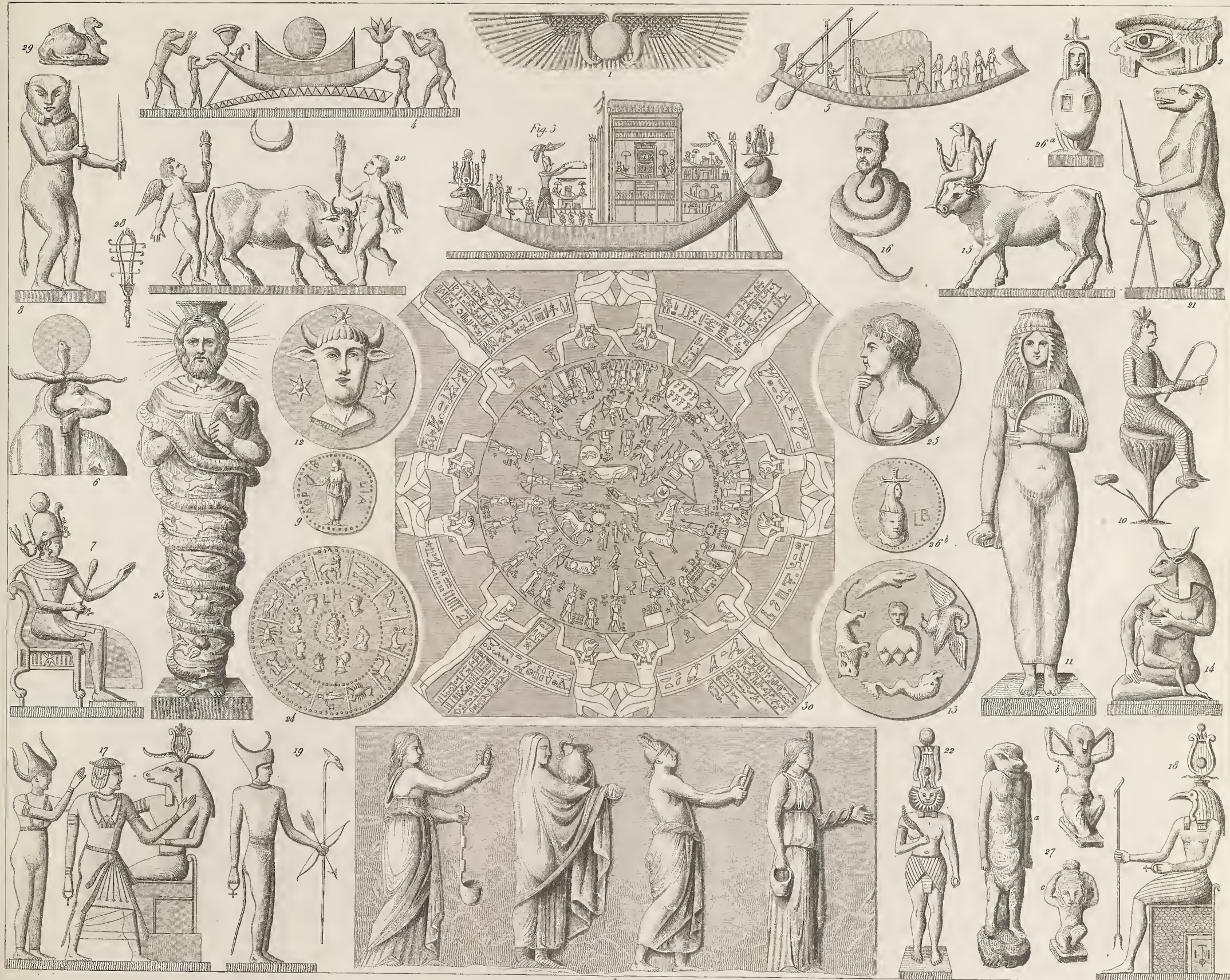
17

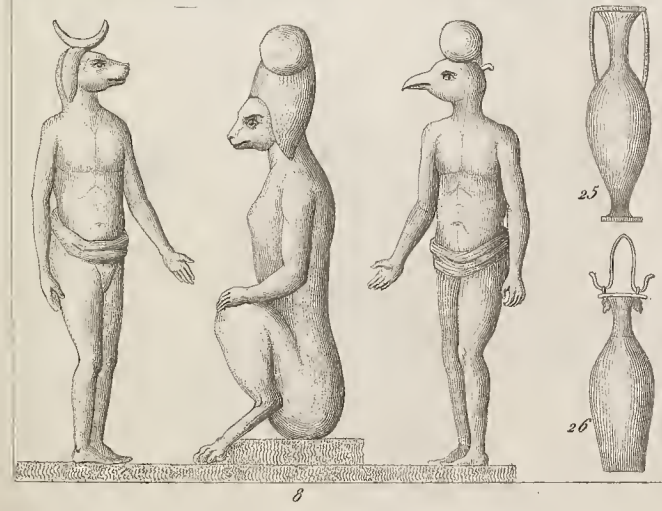
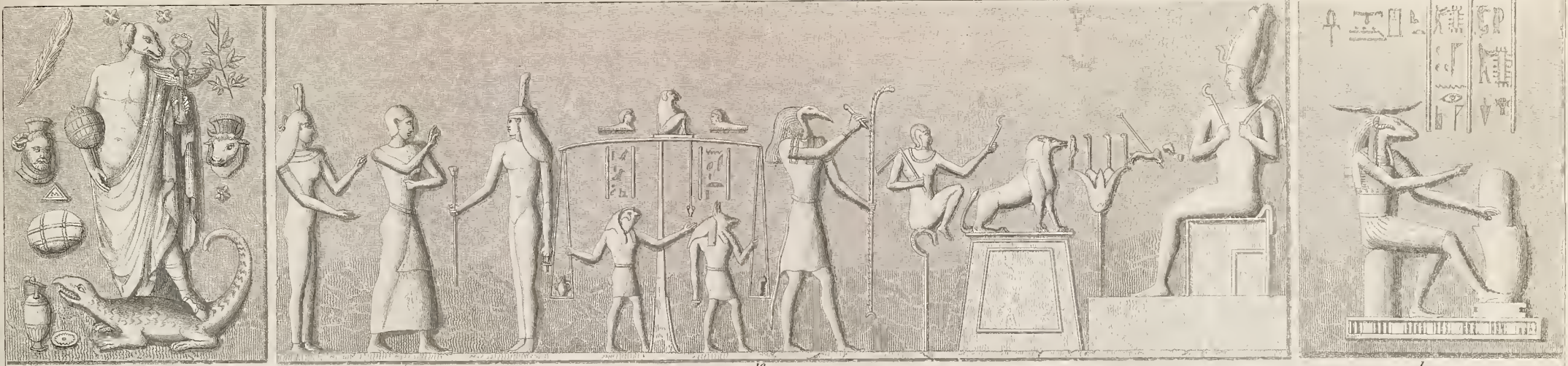


18















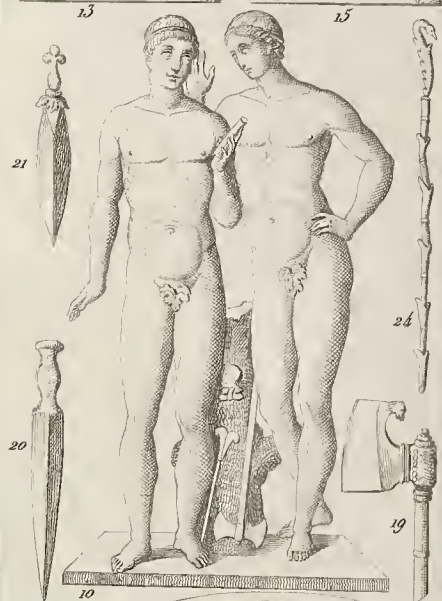














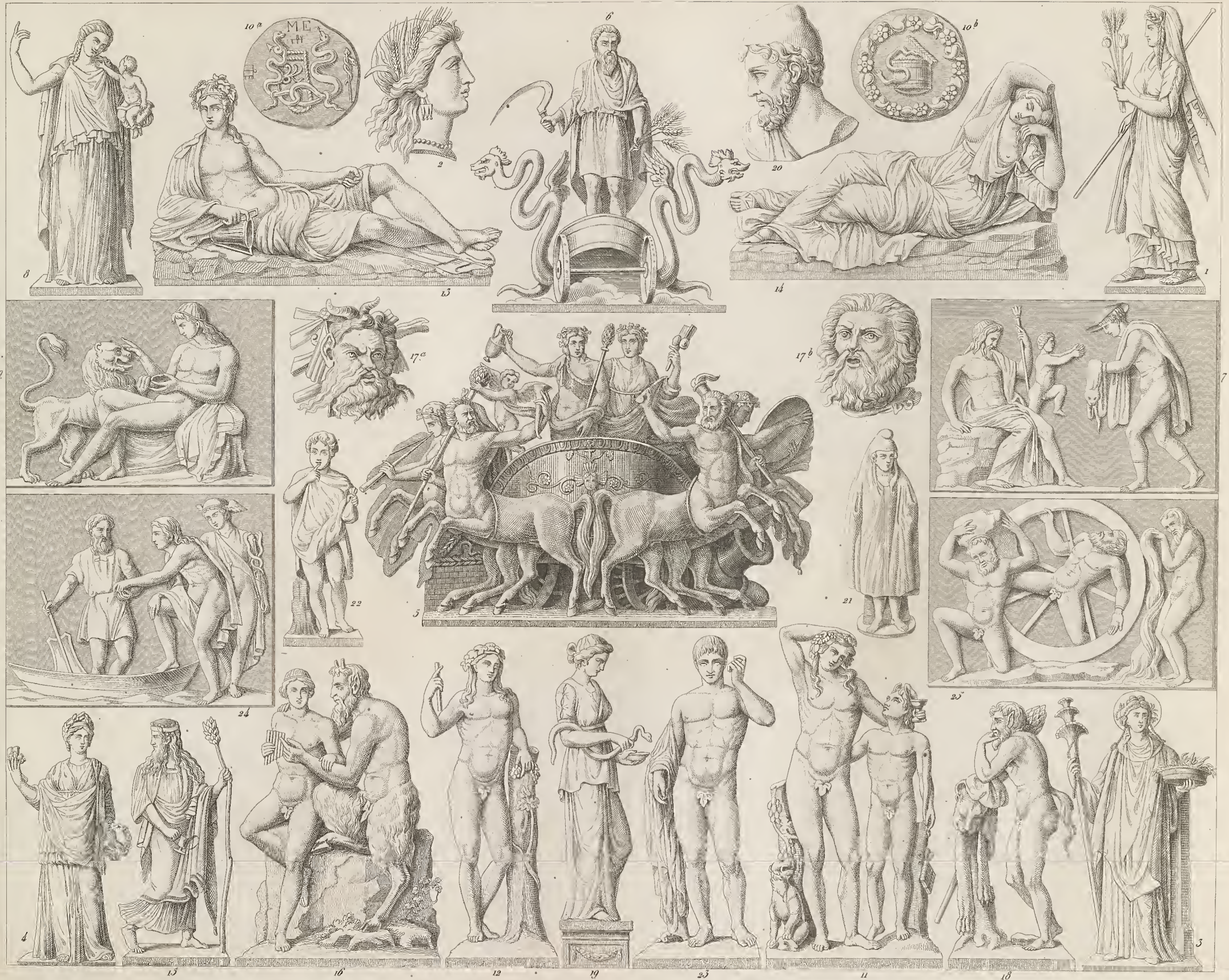
























ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION IX.

THE FINE ARTS.

TWENTY-SIX PLATES.

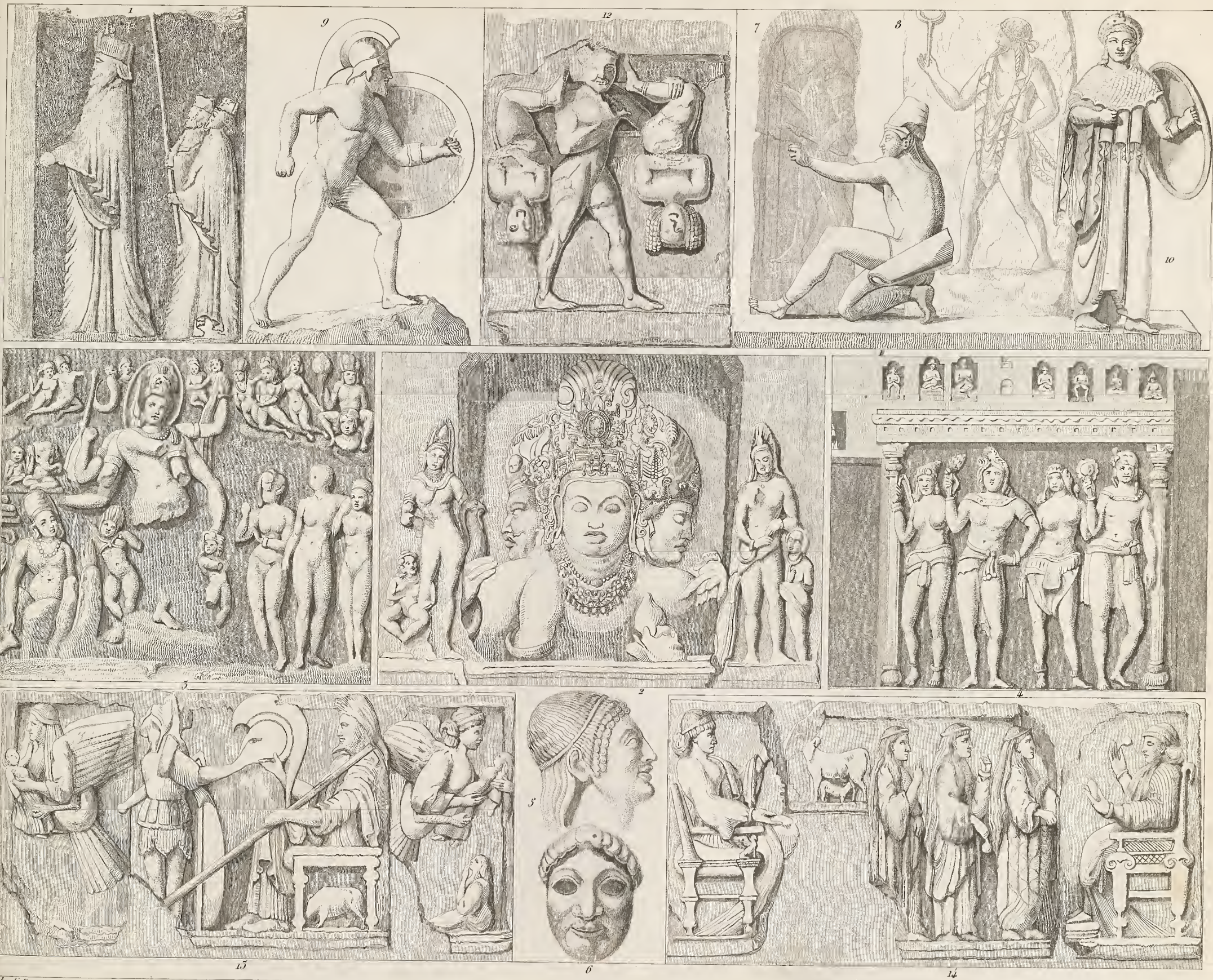
[THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. IV. OF THE TEXT.]

THE PLATES ARE NUMBERED IX. 1—26.

NEW YORK: 1851.

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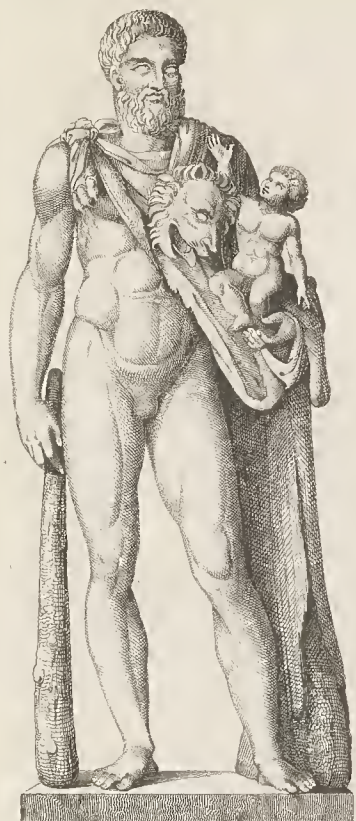






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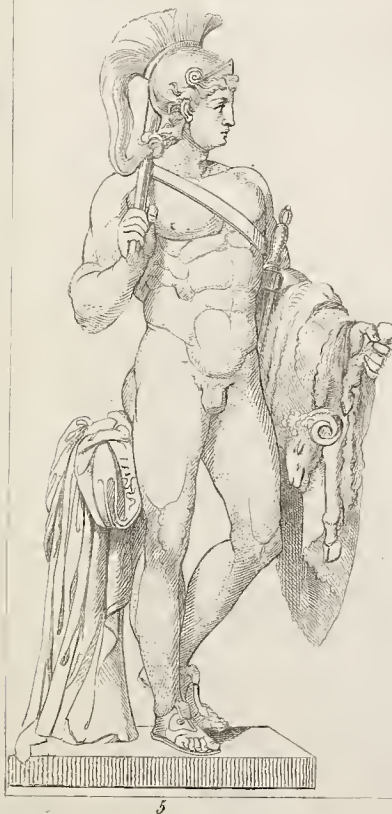
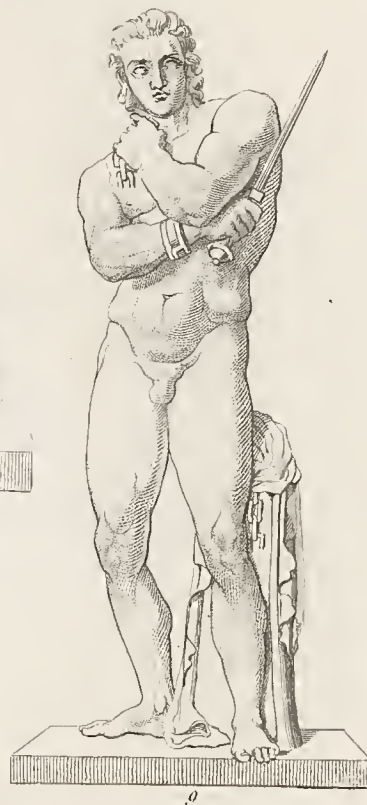


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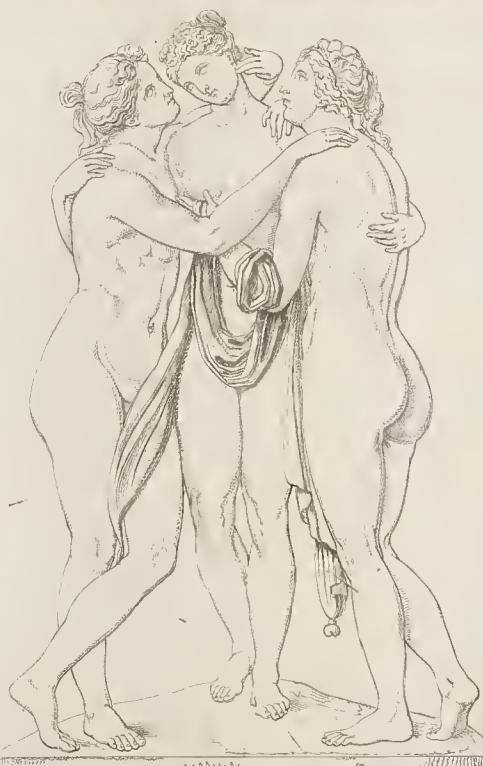
11



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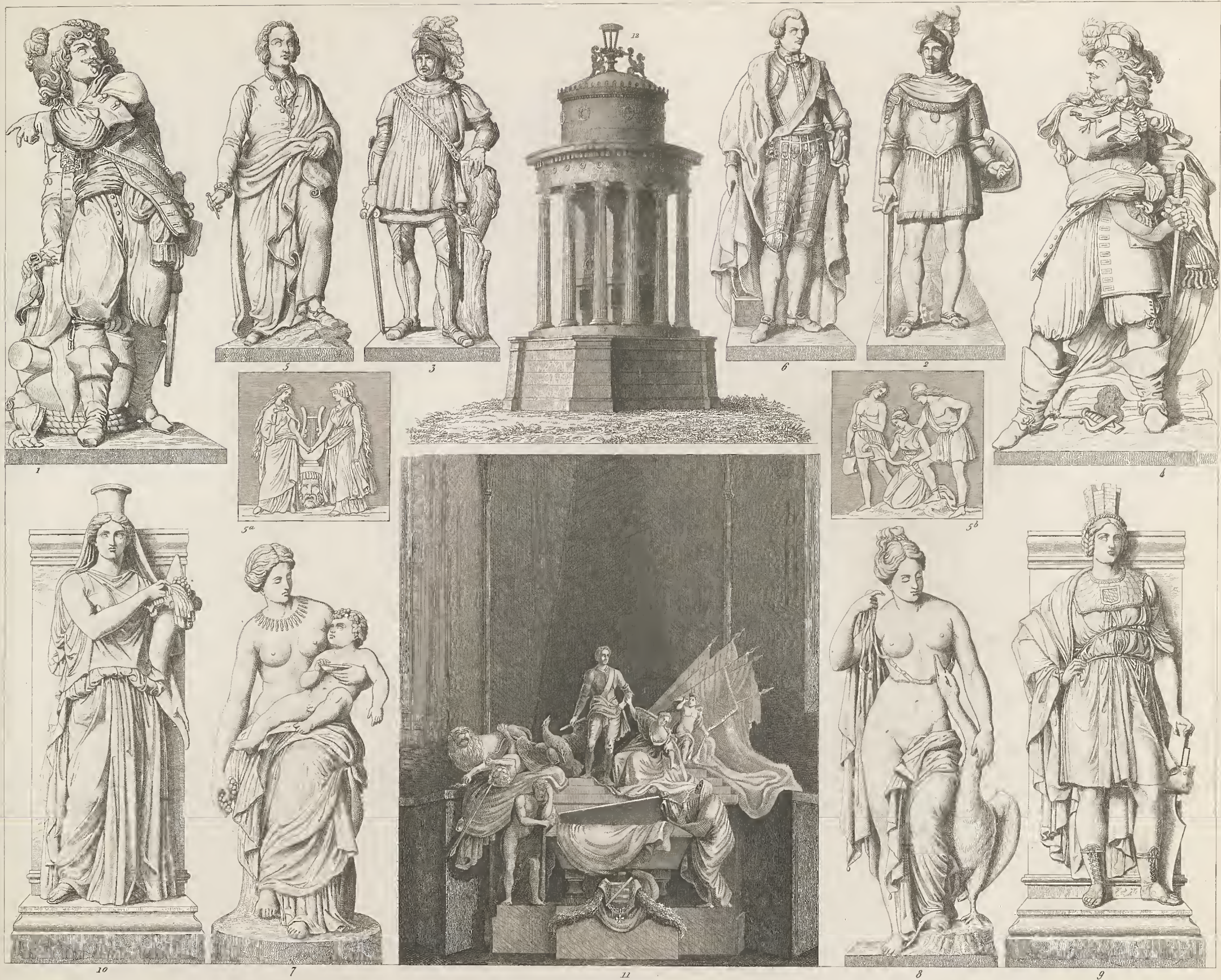
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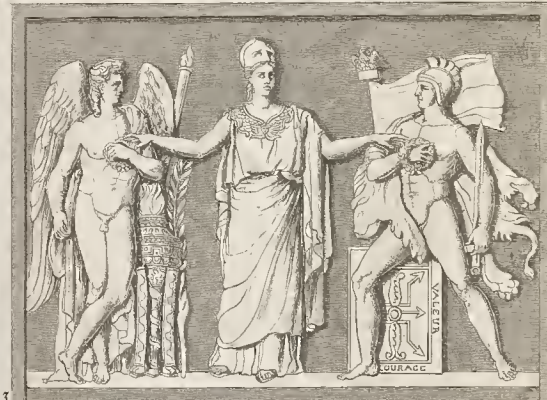
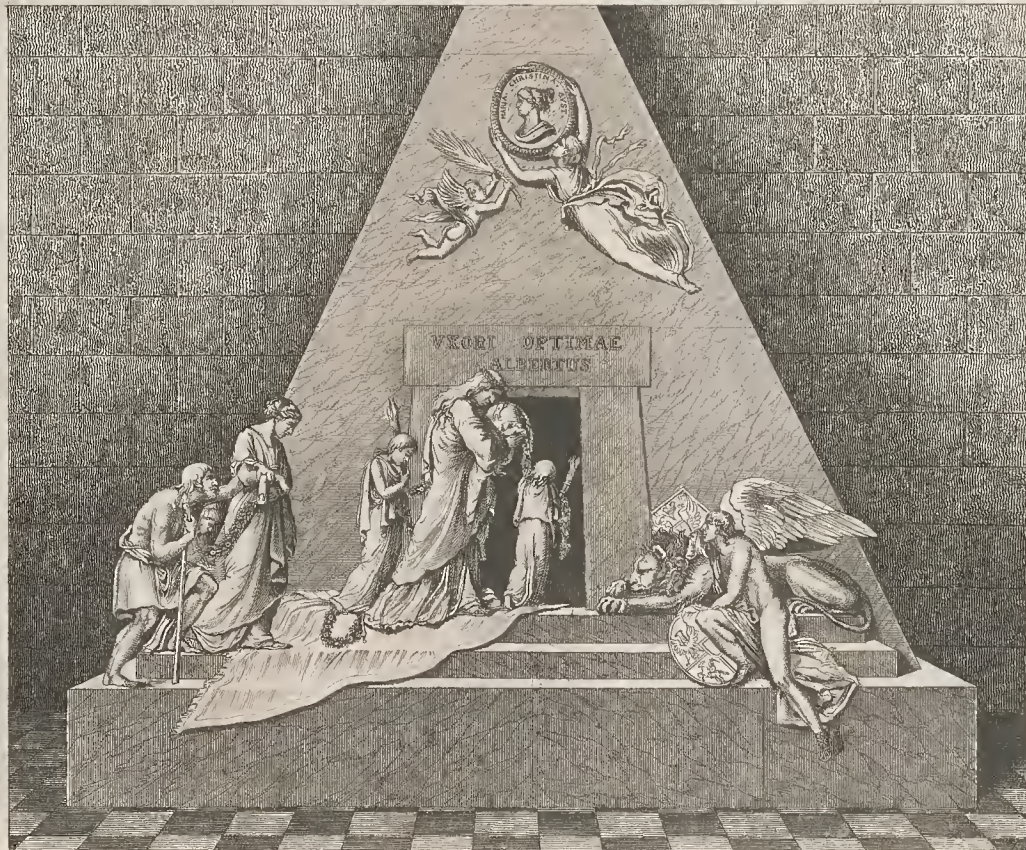
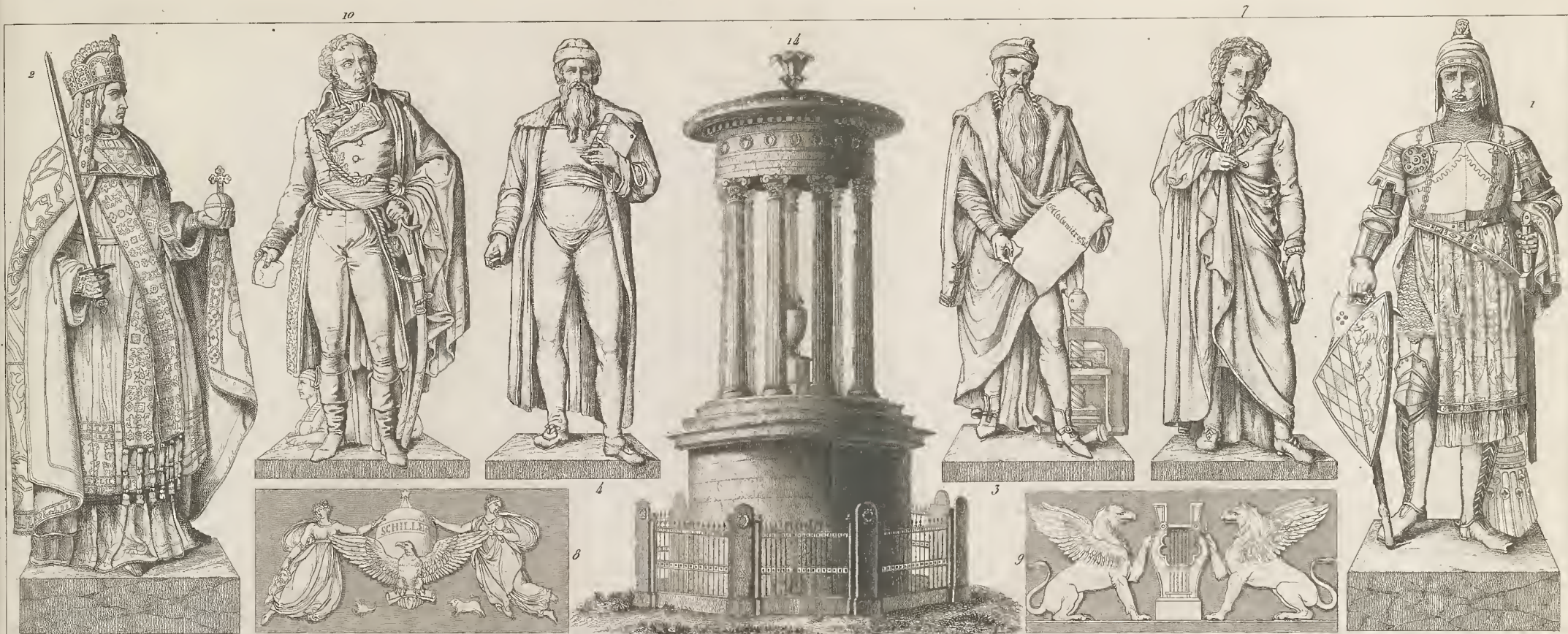


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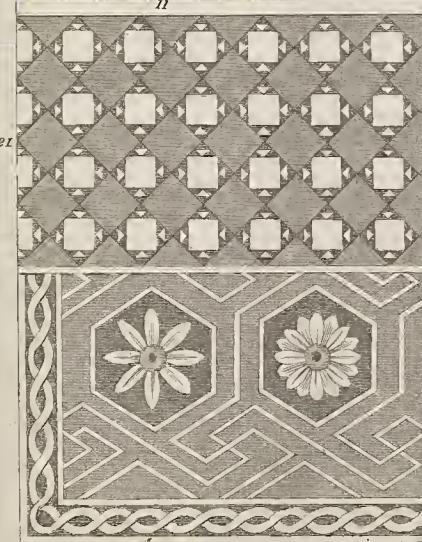
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11

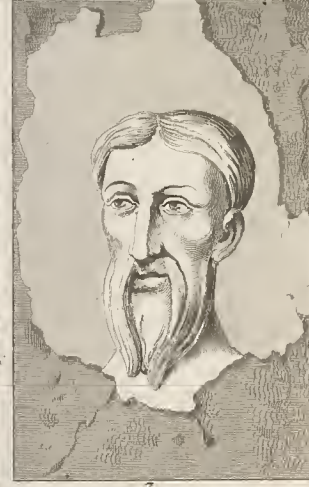
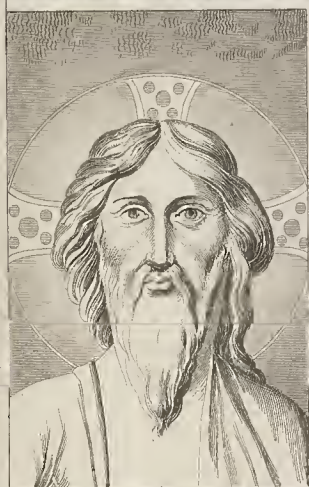


19

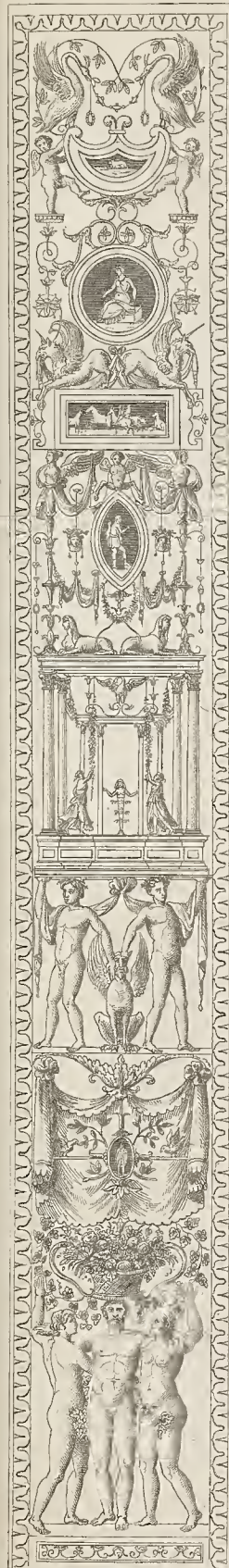
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20

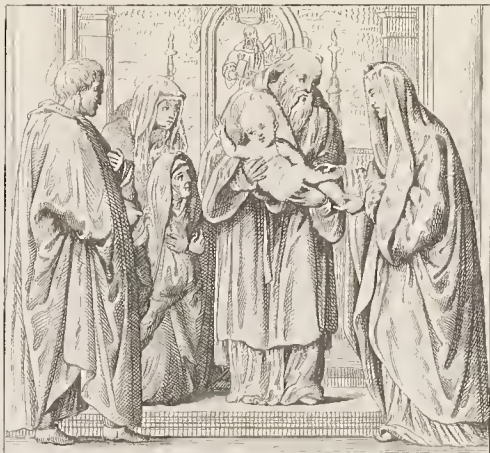
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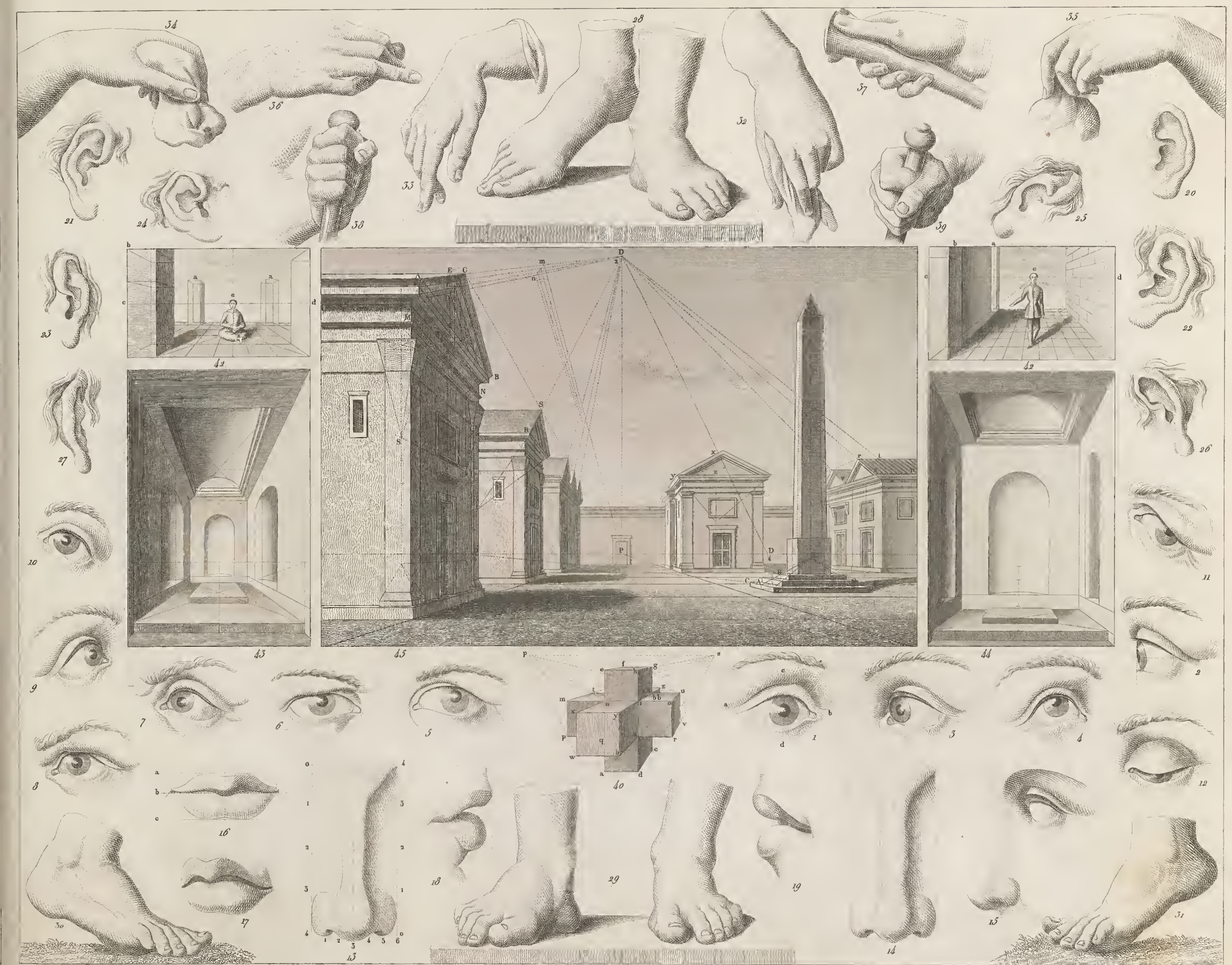


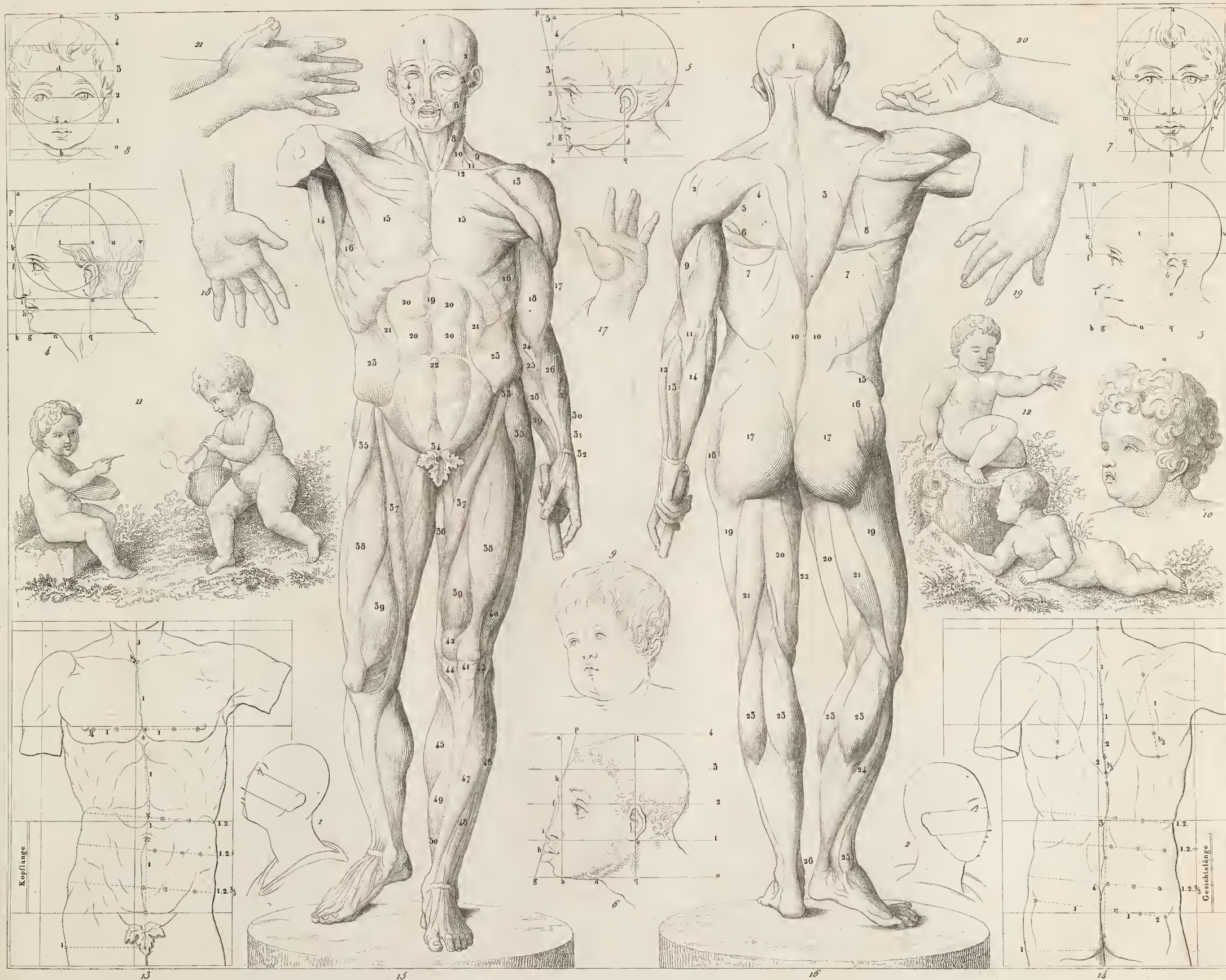


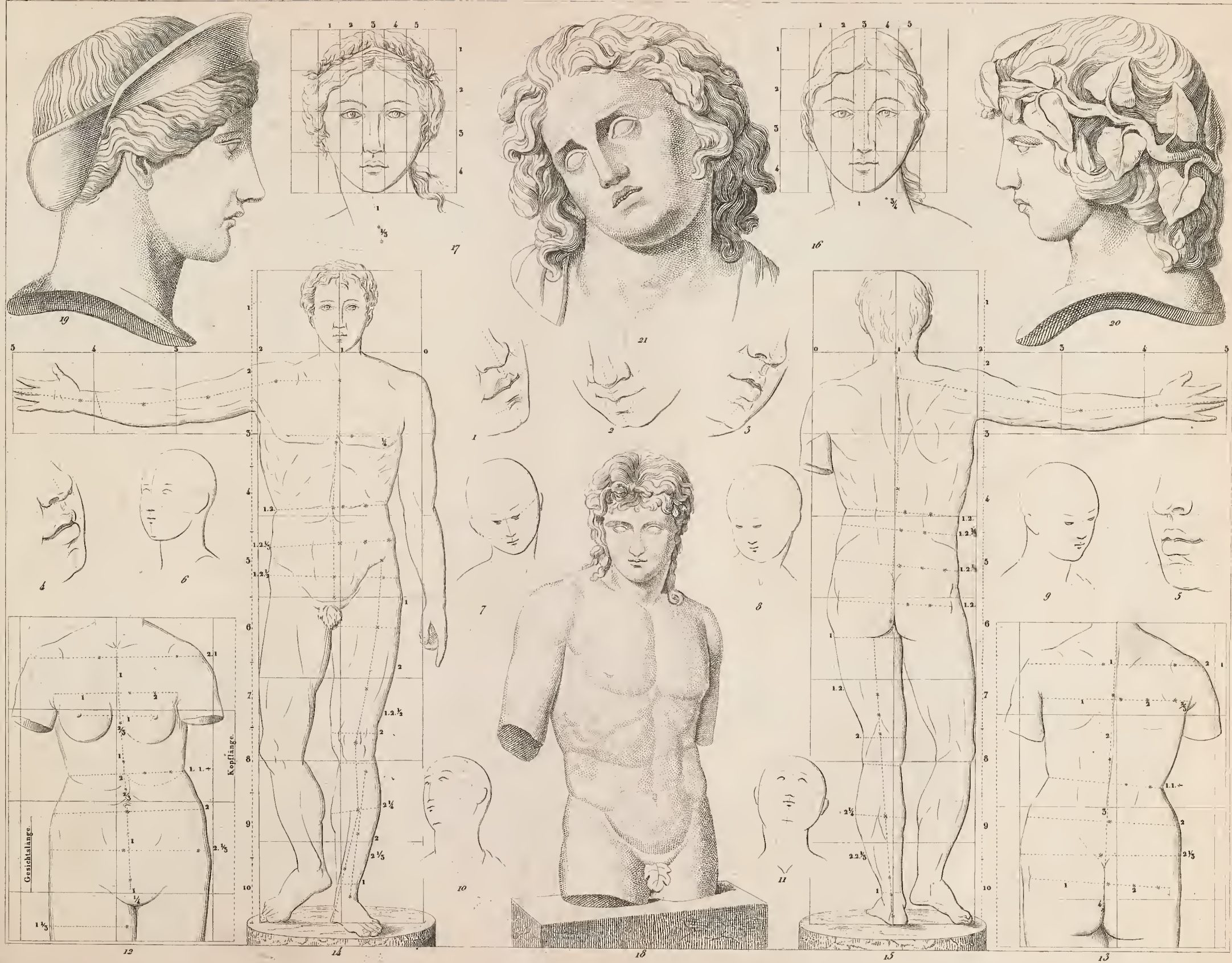


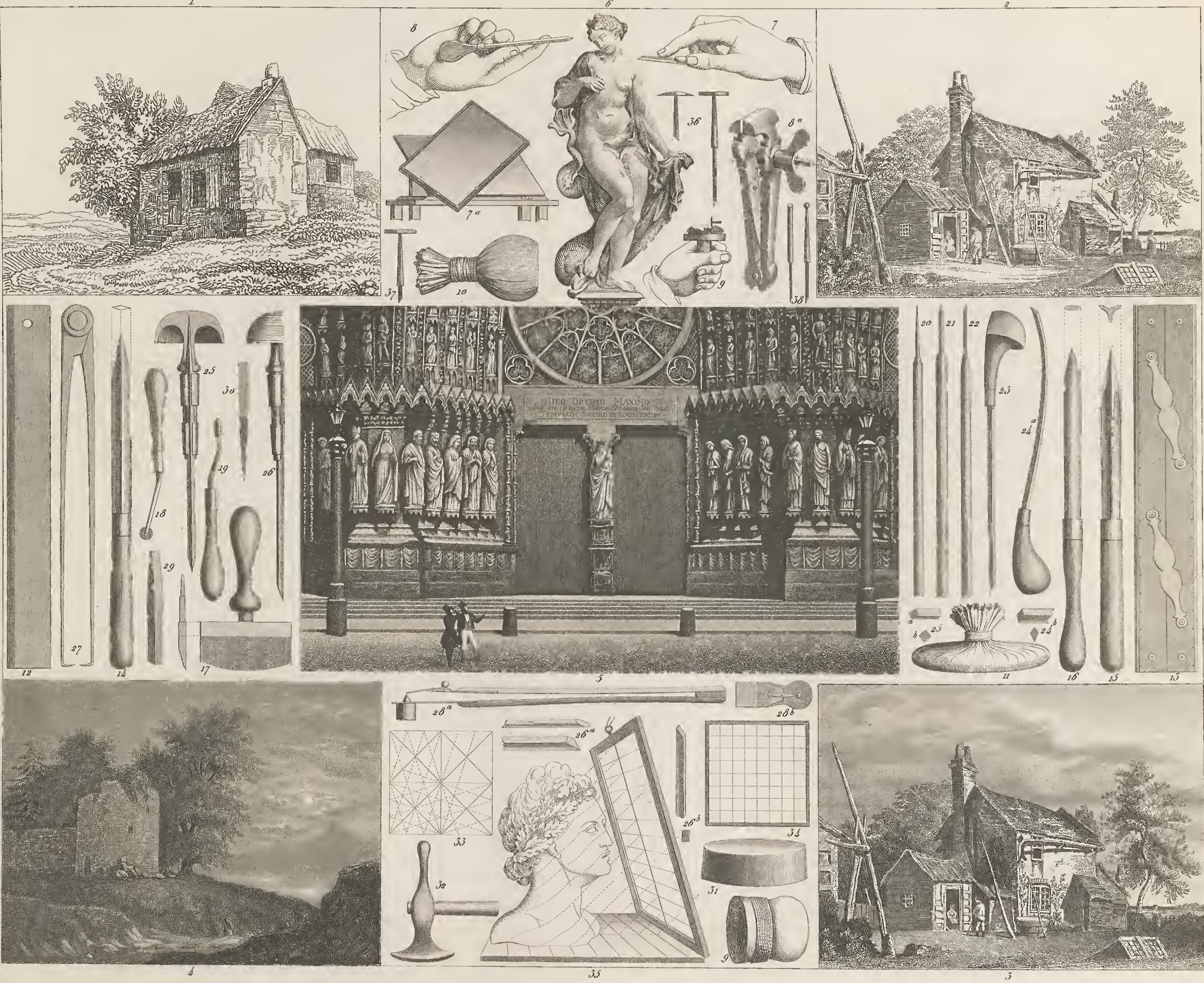






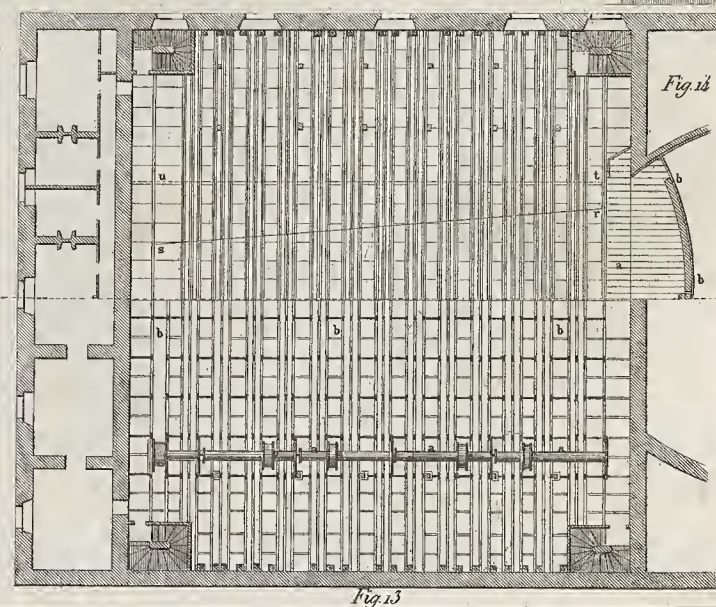
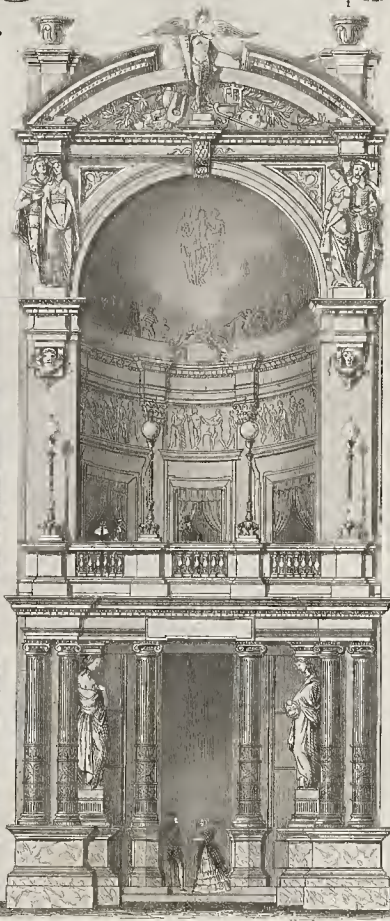
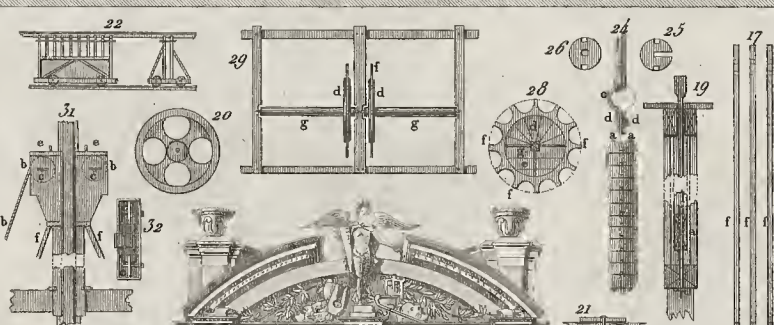
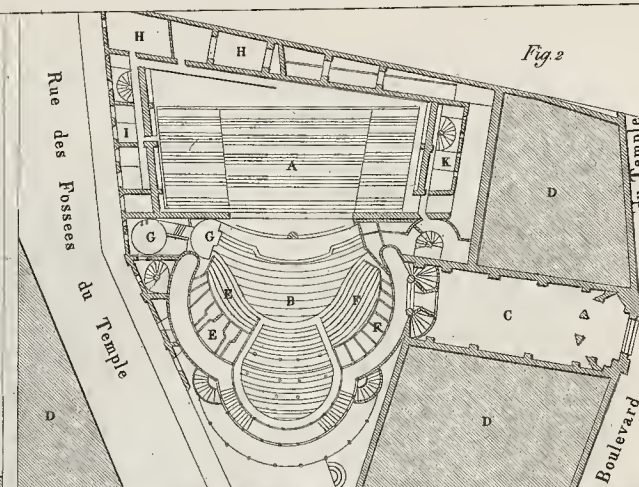


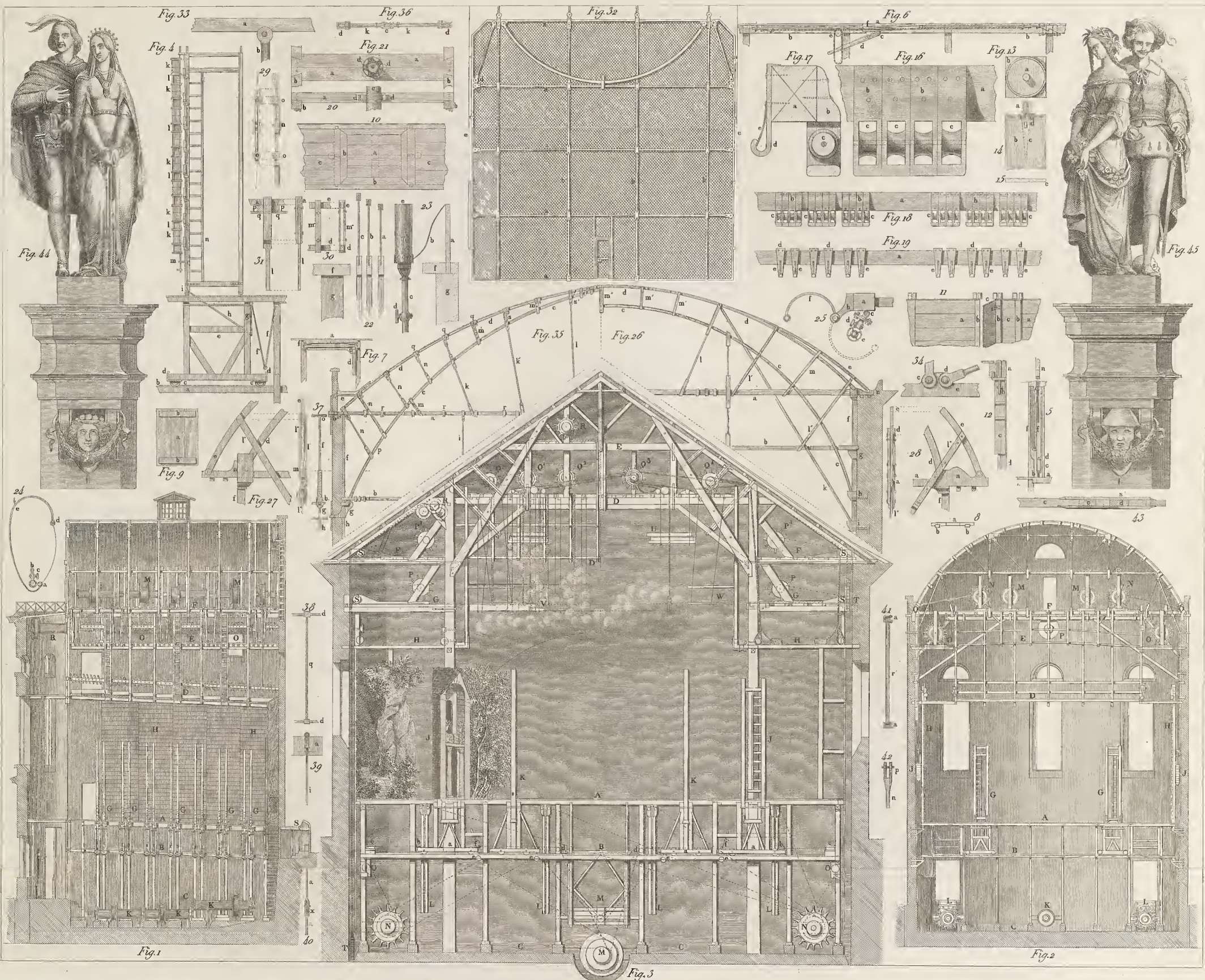




4 Keilschrift				15 Runen				8 Armenisch				1 Japanisch													
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G. Heck dr.

Maasstab für Fig. 1 & 2.

Maasstab für Fig. 3.

Maasstab für Fig. 1 & 2.

Herry Winkler sculpt.

10 Metres

10 Metres

6 Toisen

ICONOGRAPHIC ENCYCLOPÆDIA.

DIVISION X.

TECHNOLOGY:

COMPRISING

RAILWAYS, CANALS, INDUSTRIAL AND AGRICULTURAL MACHINES, MINING, &c.

THIRTY-FIVE PLATES.

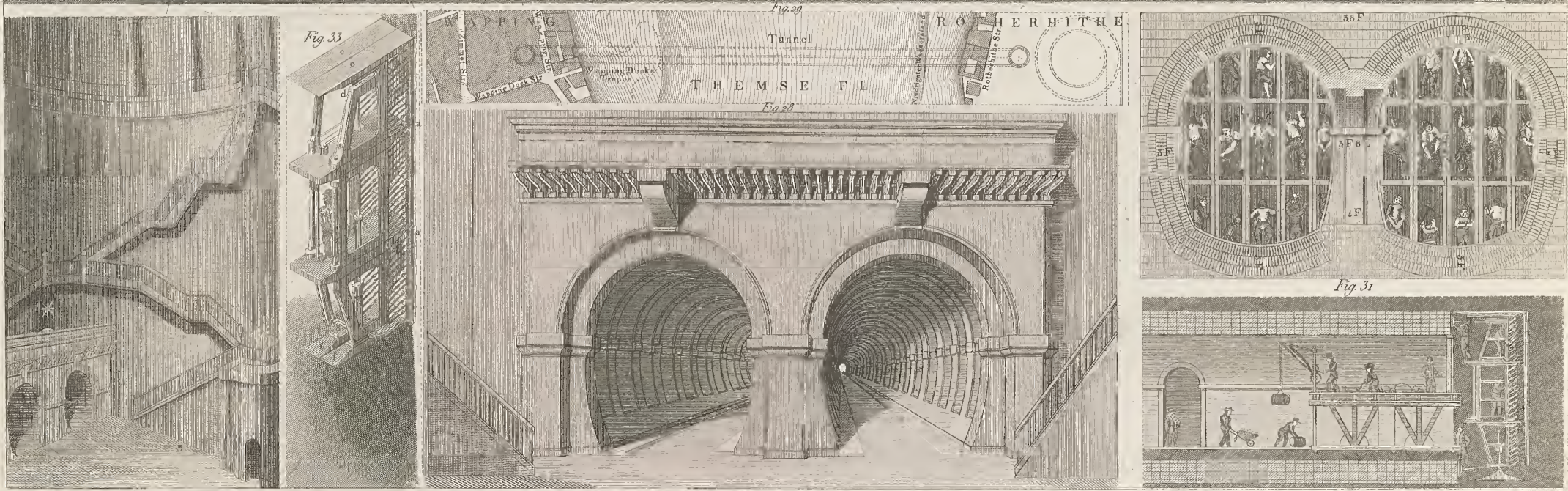
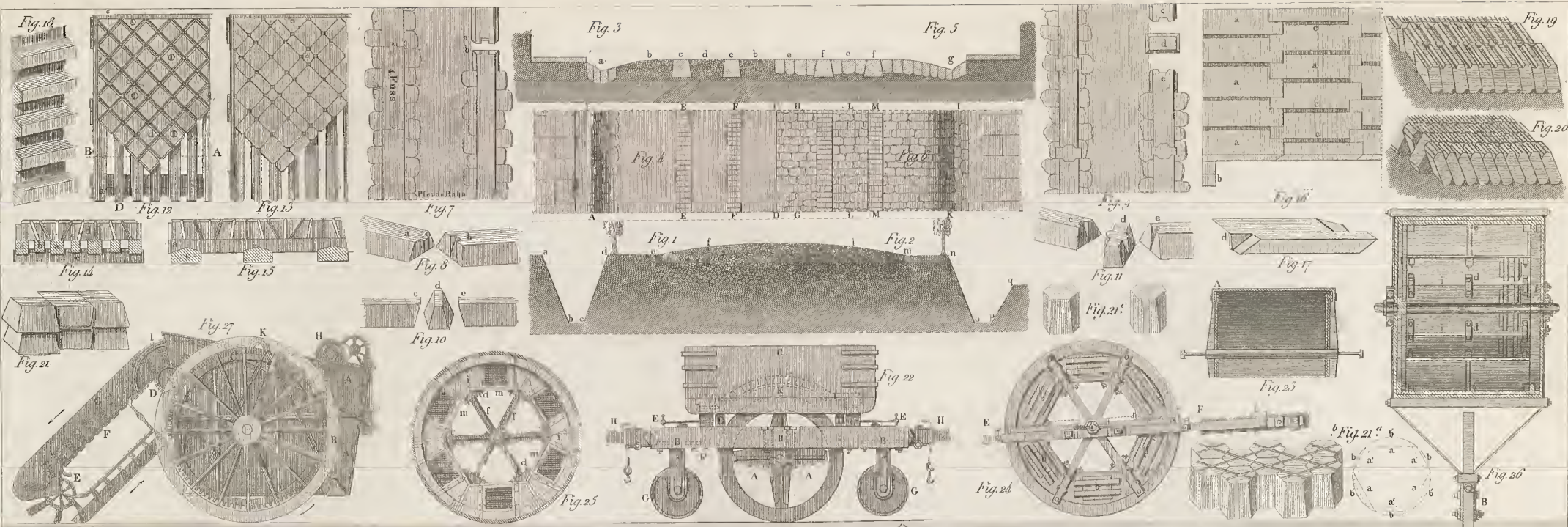
THE LIST OF THE FIGURES ON THE PLATES WILL BE FOUND IN THE TABLES OF CONTENTS OF VOL. IV. OF THE TEXT.

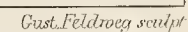
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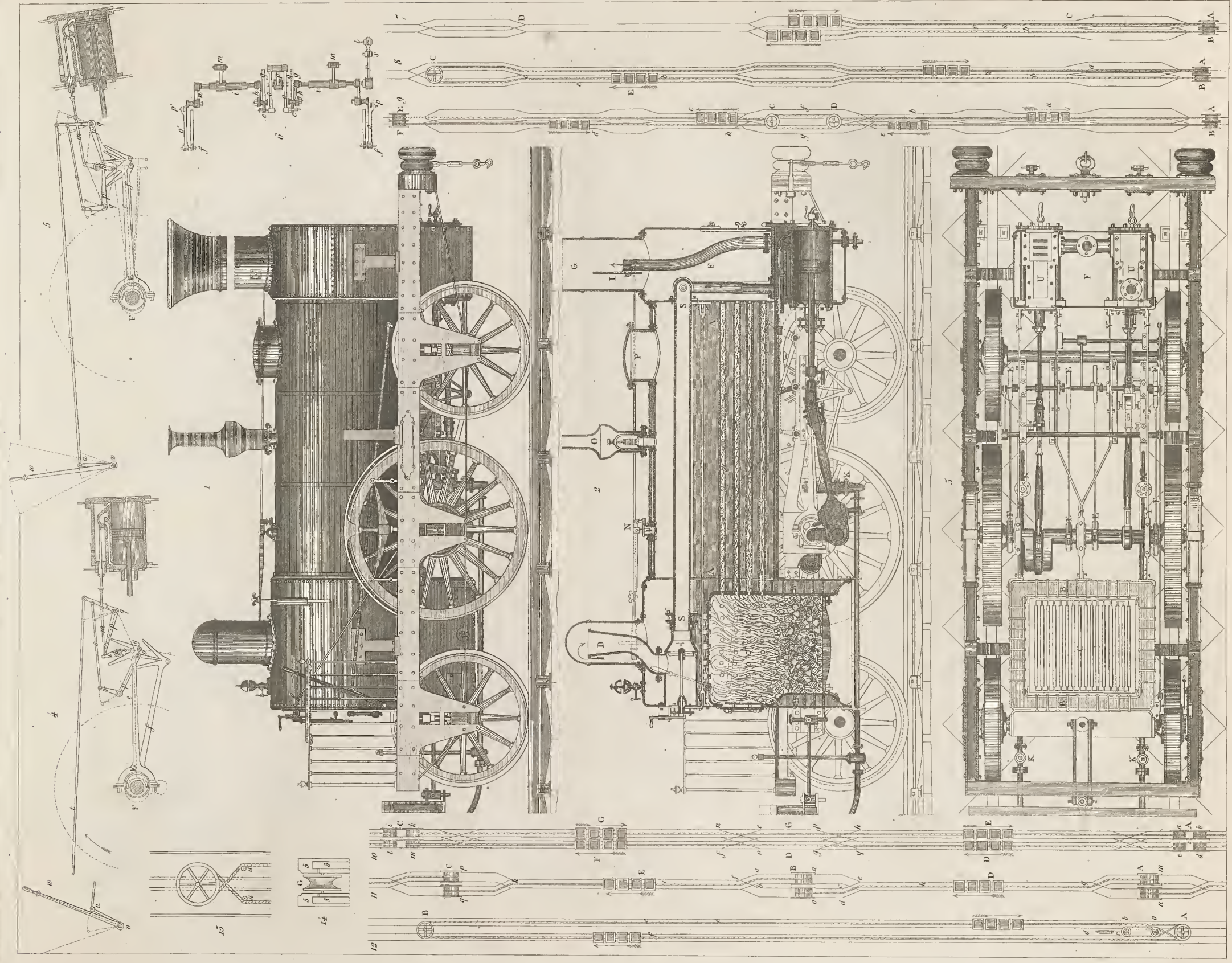
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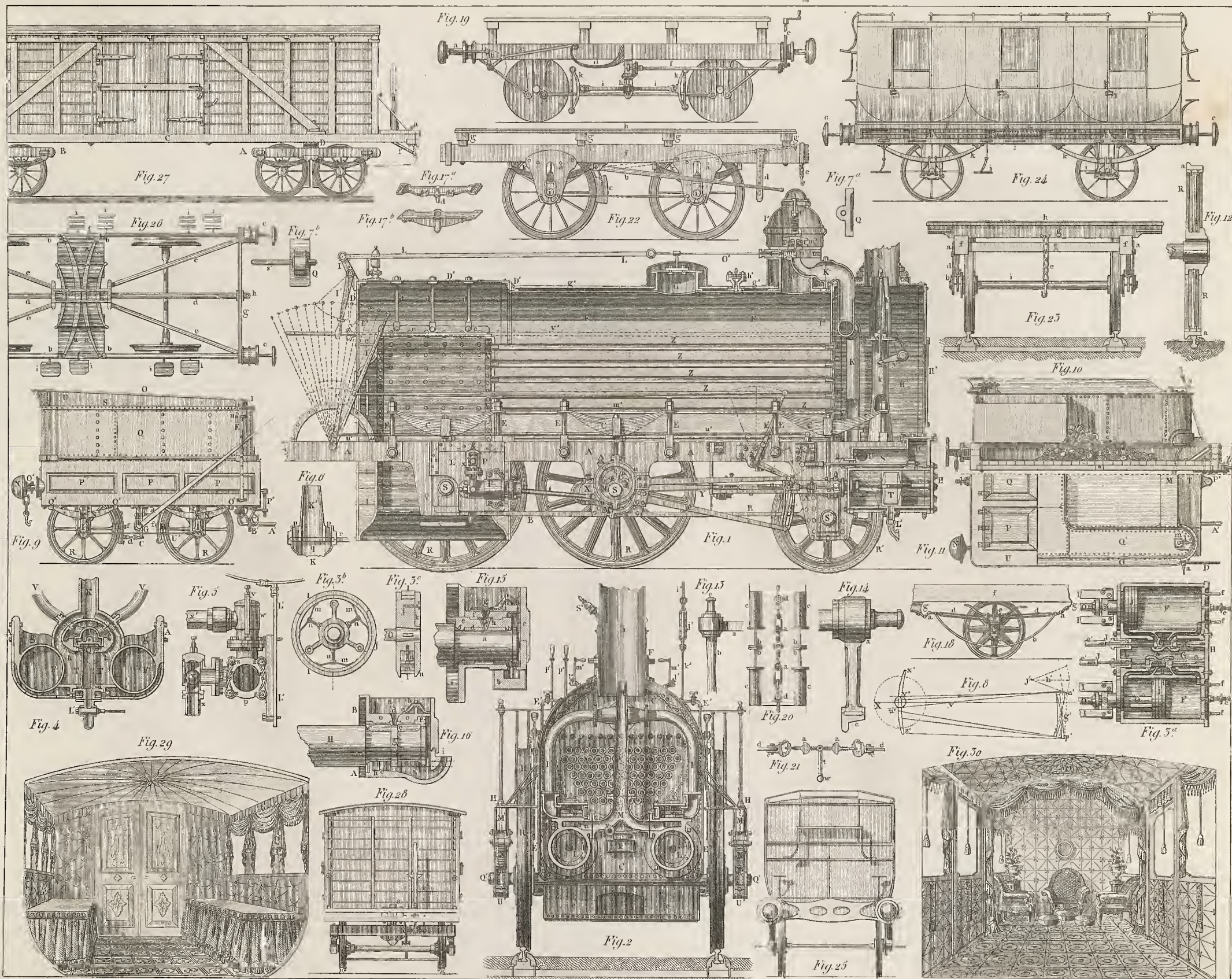
PUBLISHED BY RUDOLPH GARRIGUE,

2 BARCLAY STREET (ASTOR HOUSE).









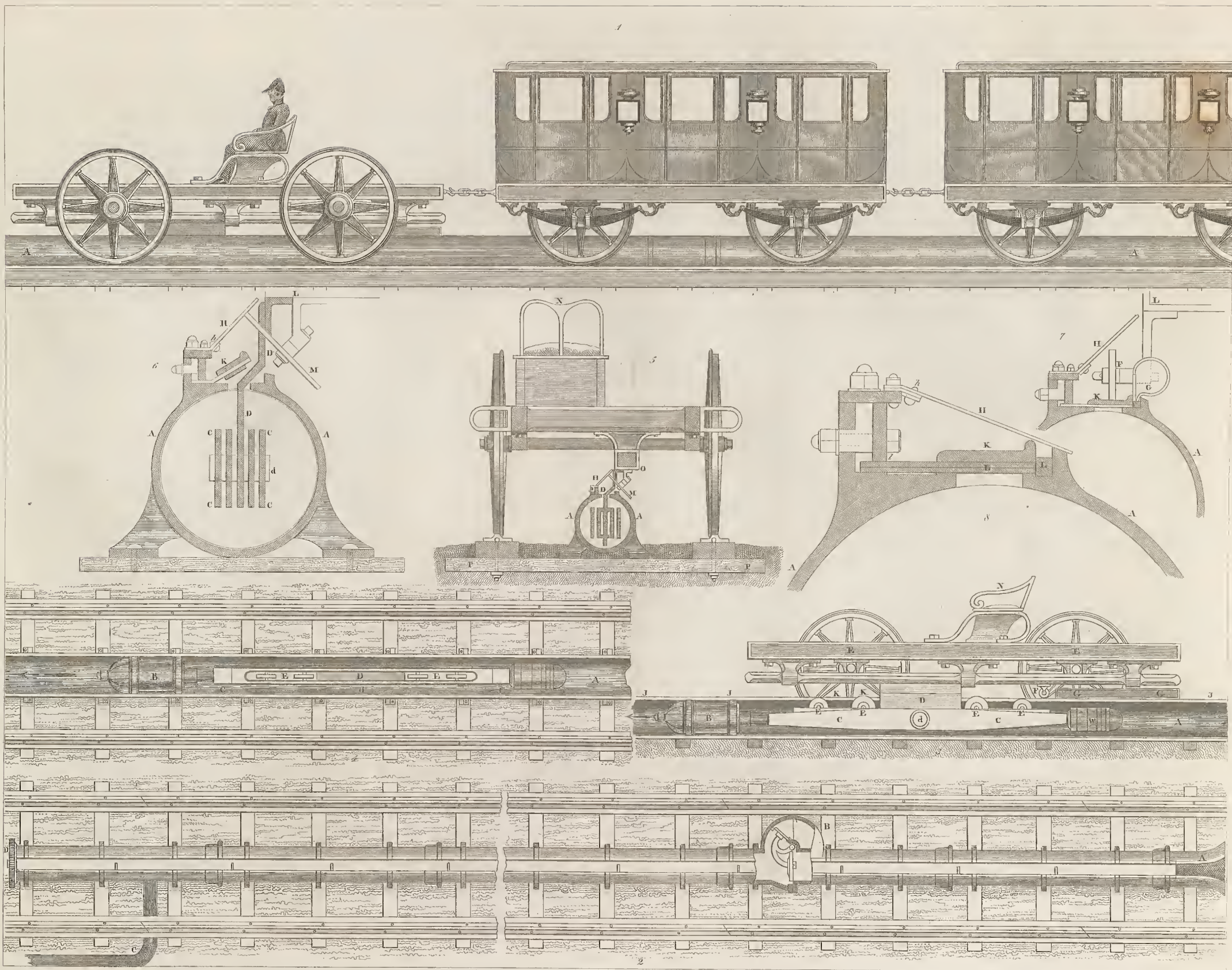
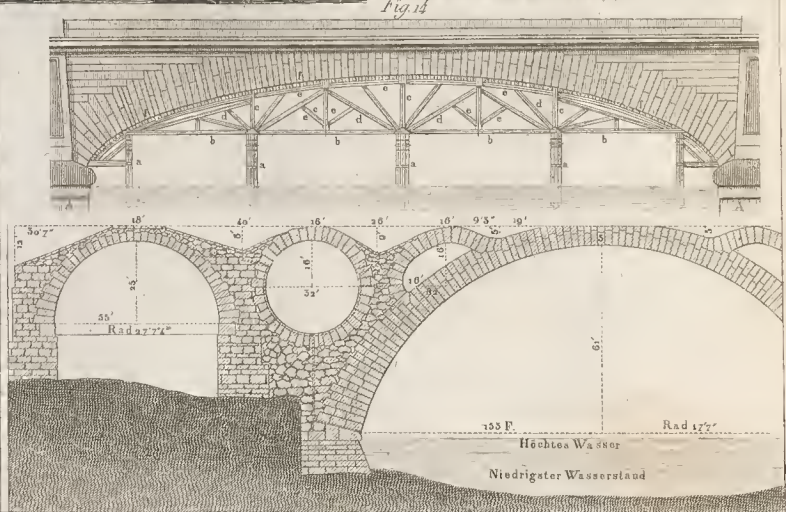
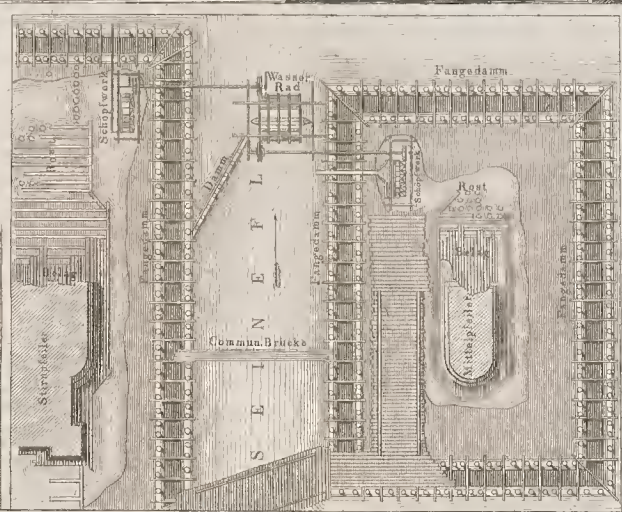
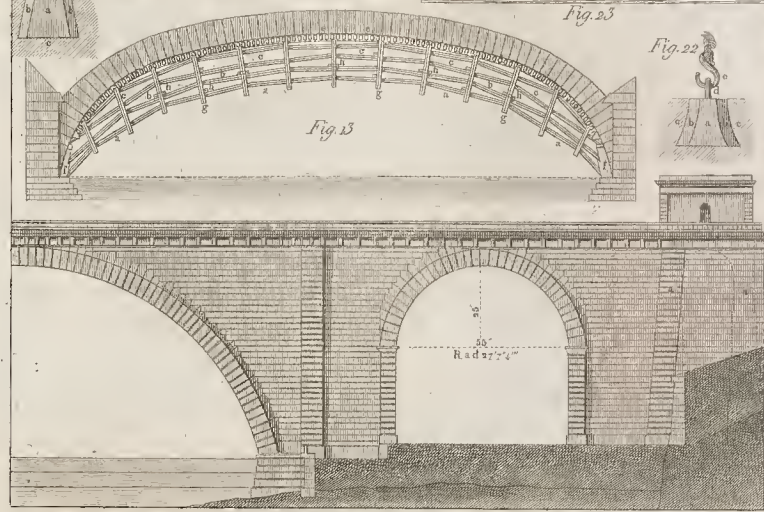
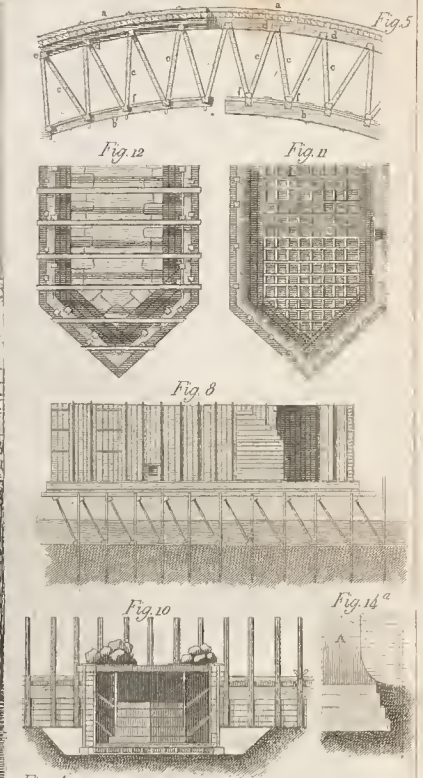
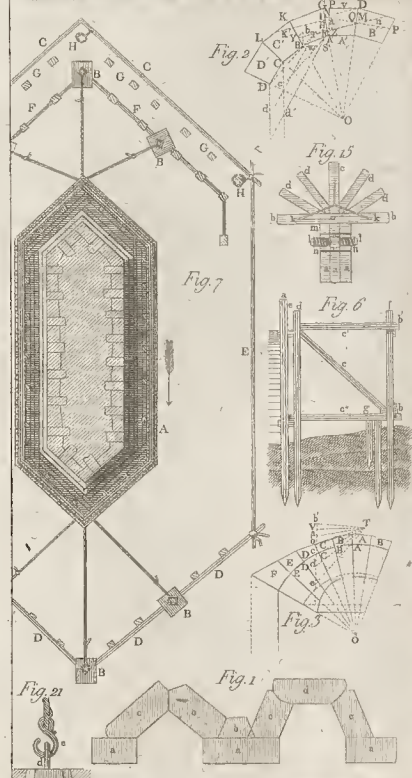
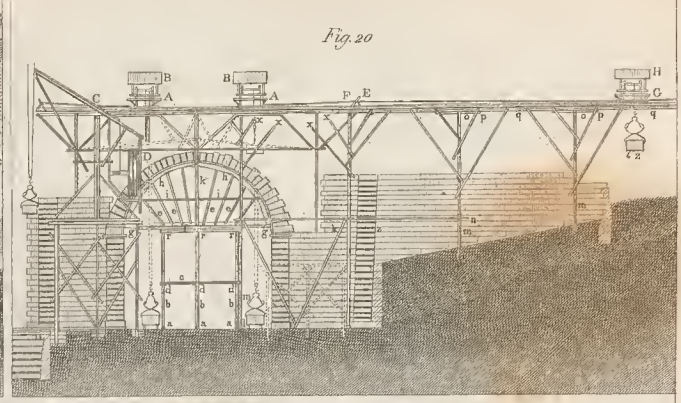
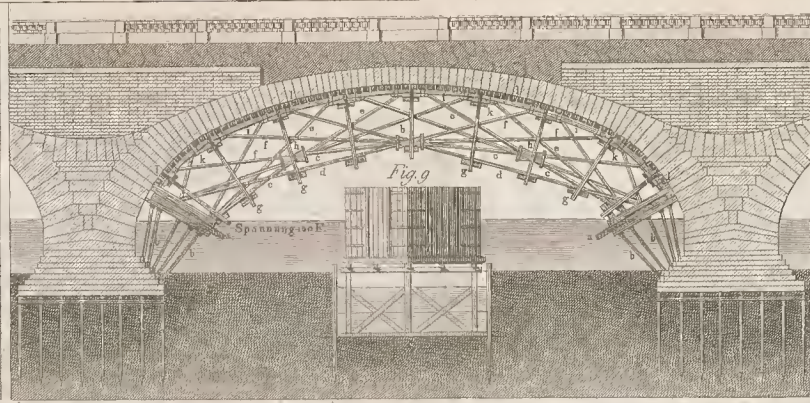
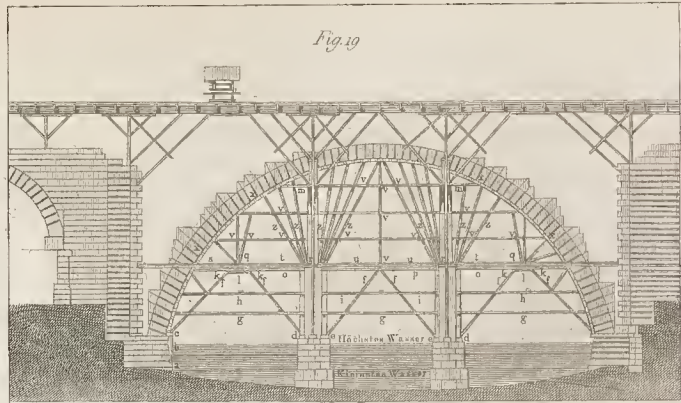
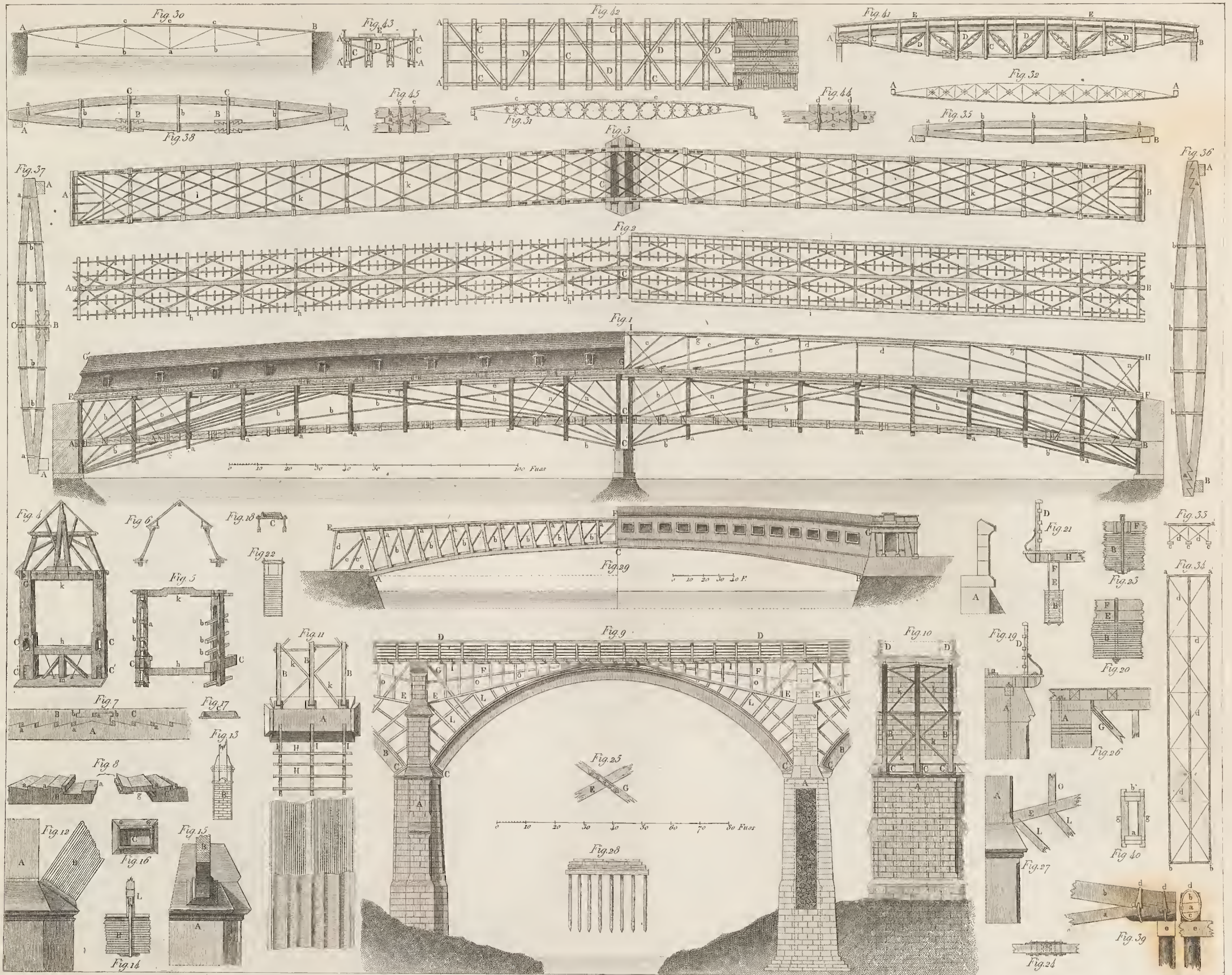
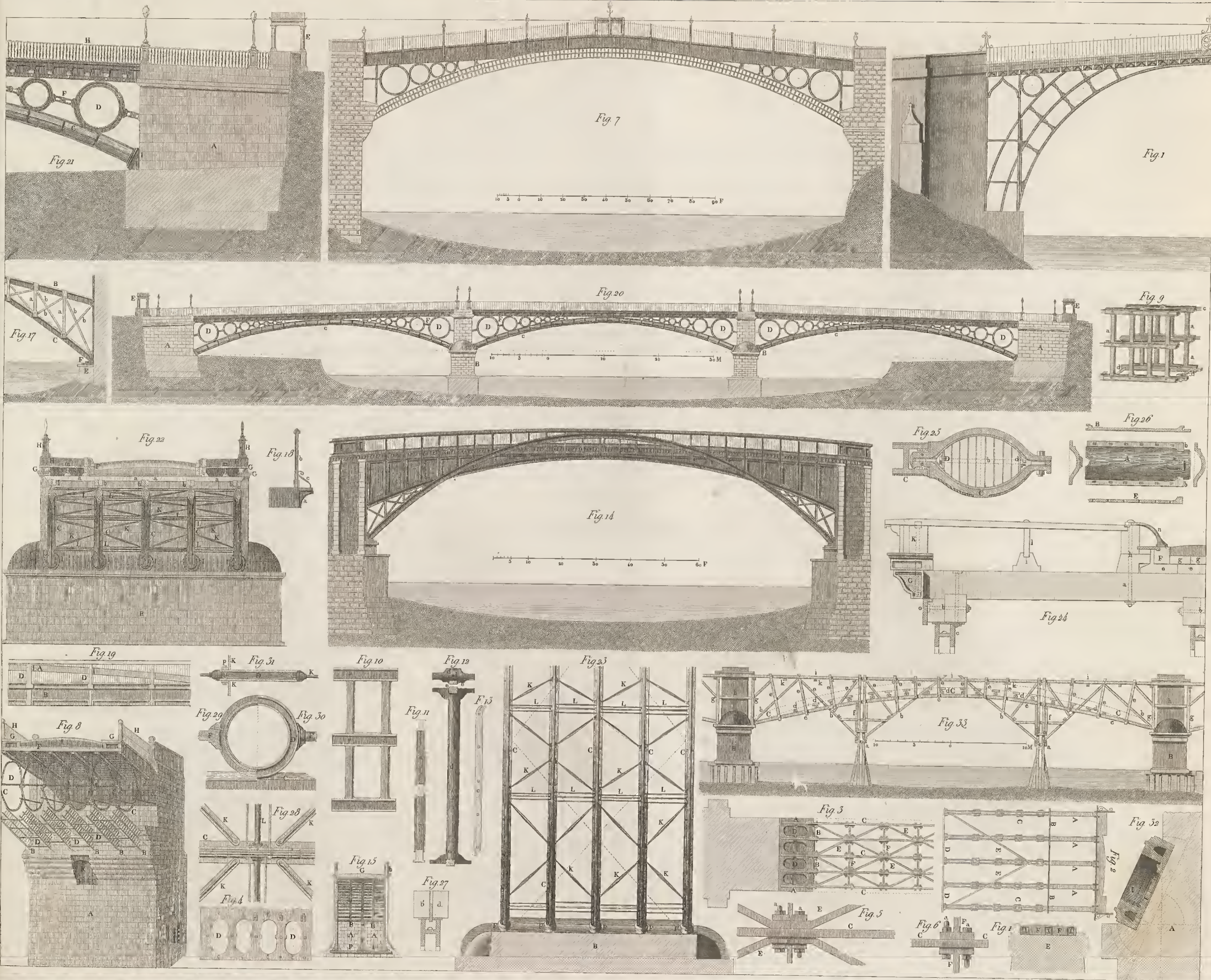
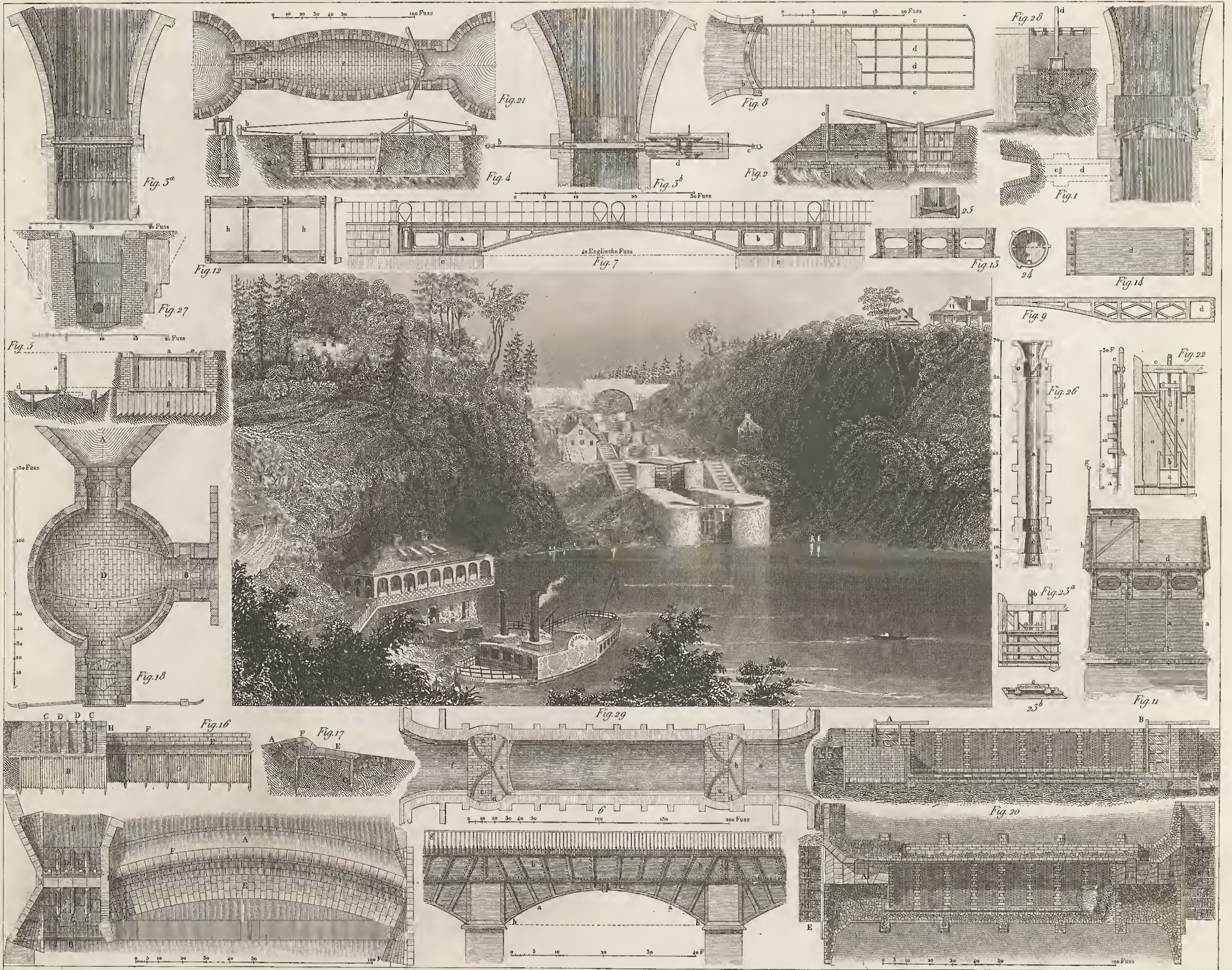


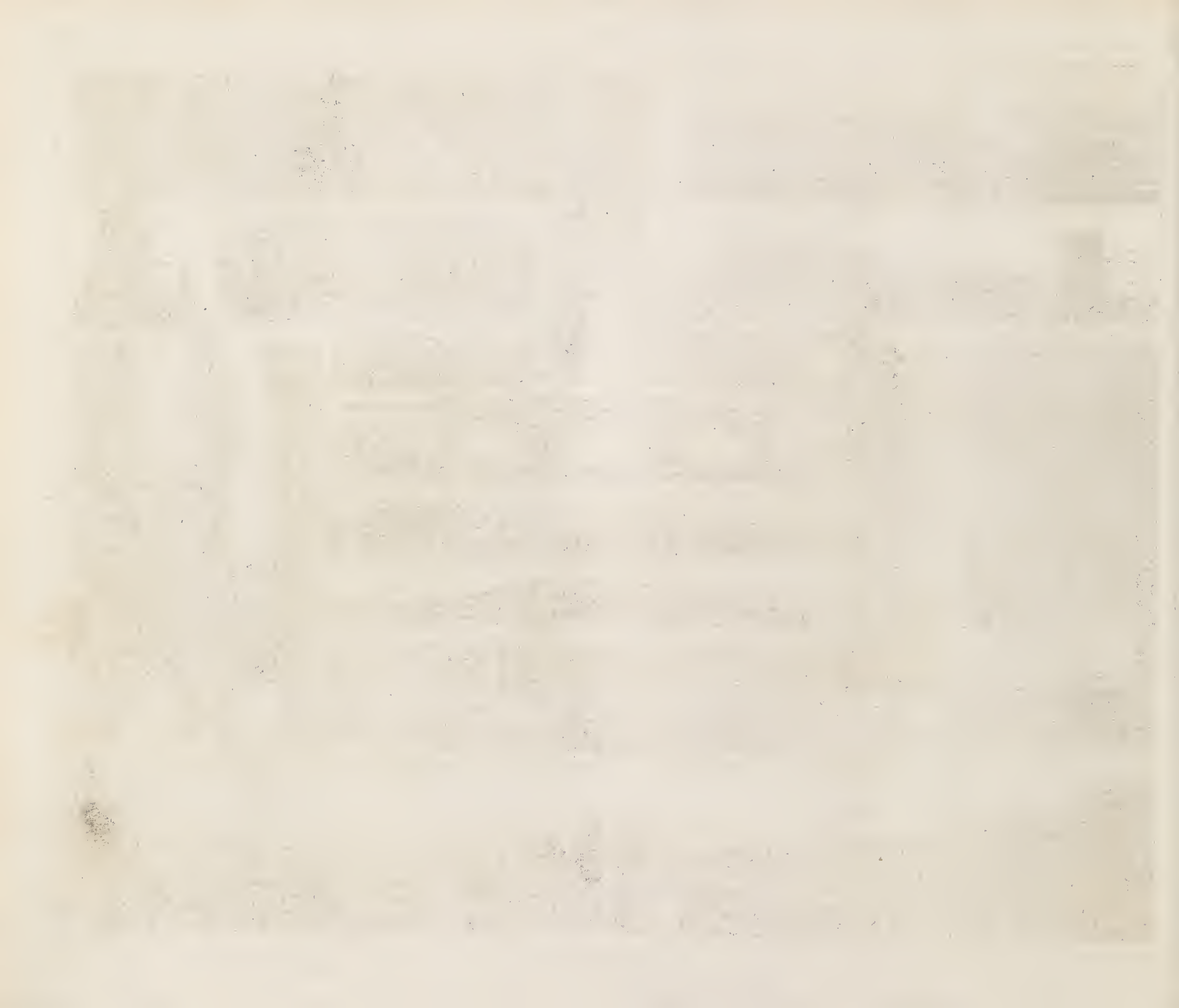
Fig. 16

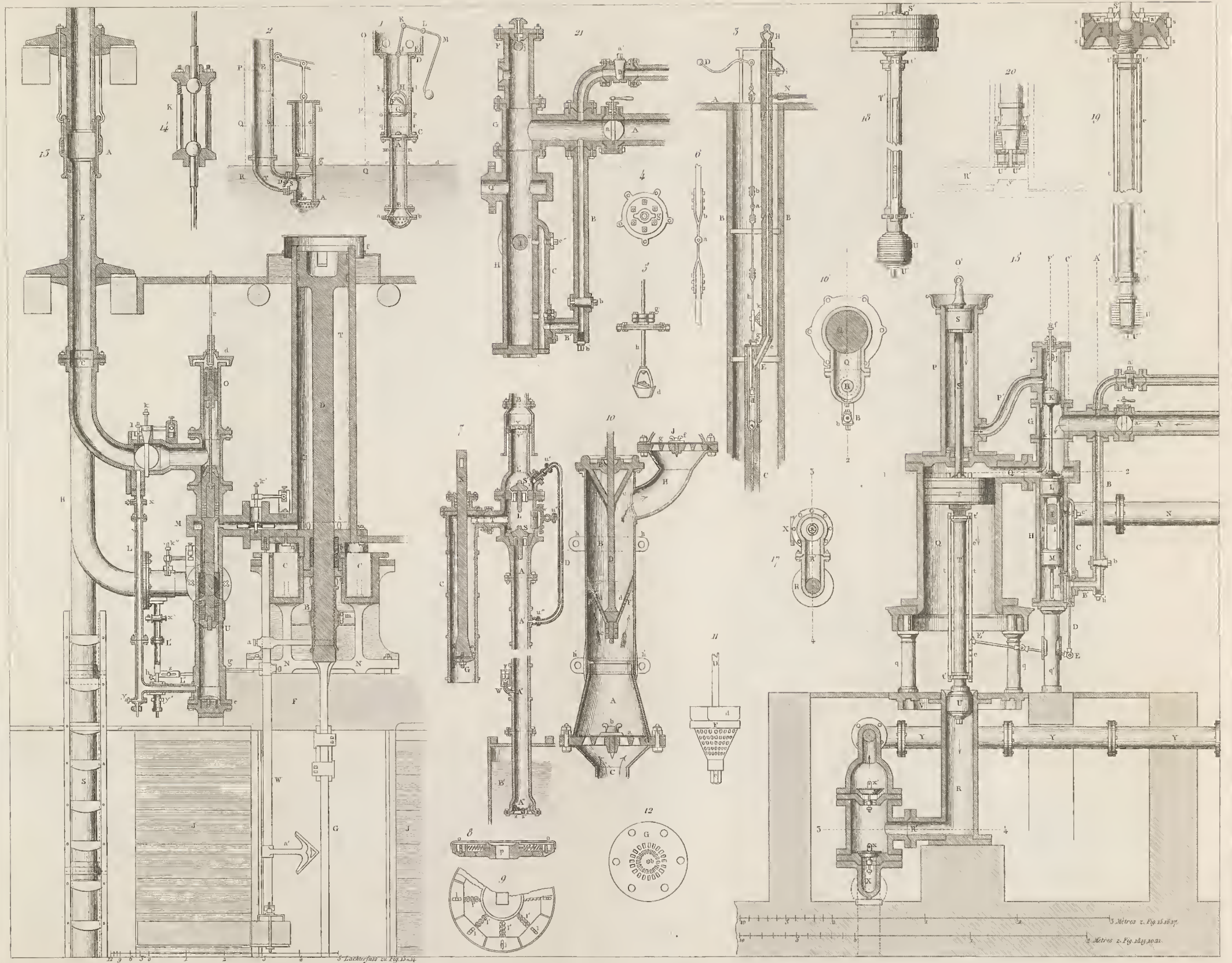


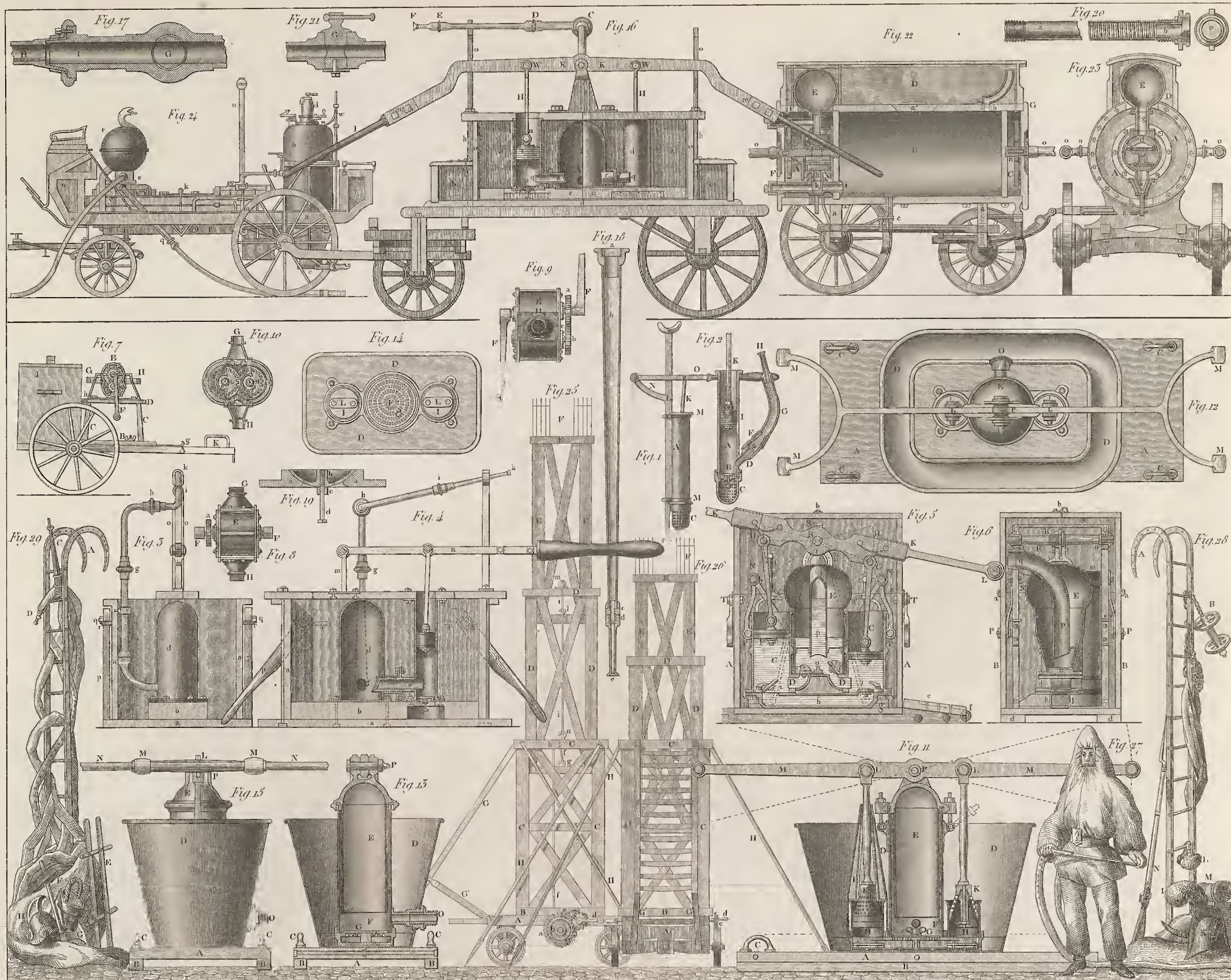


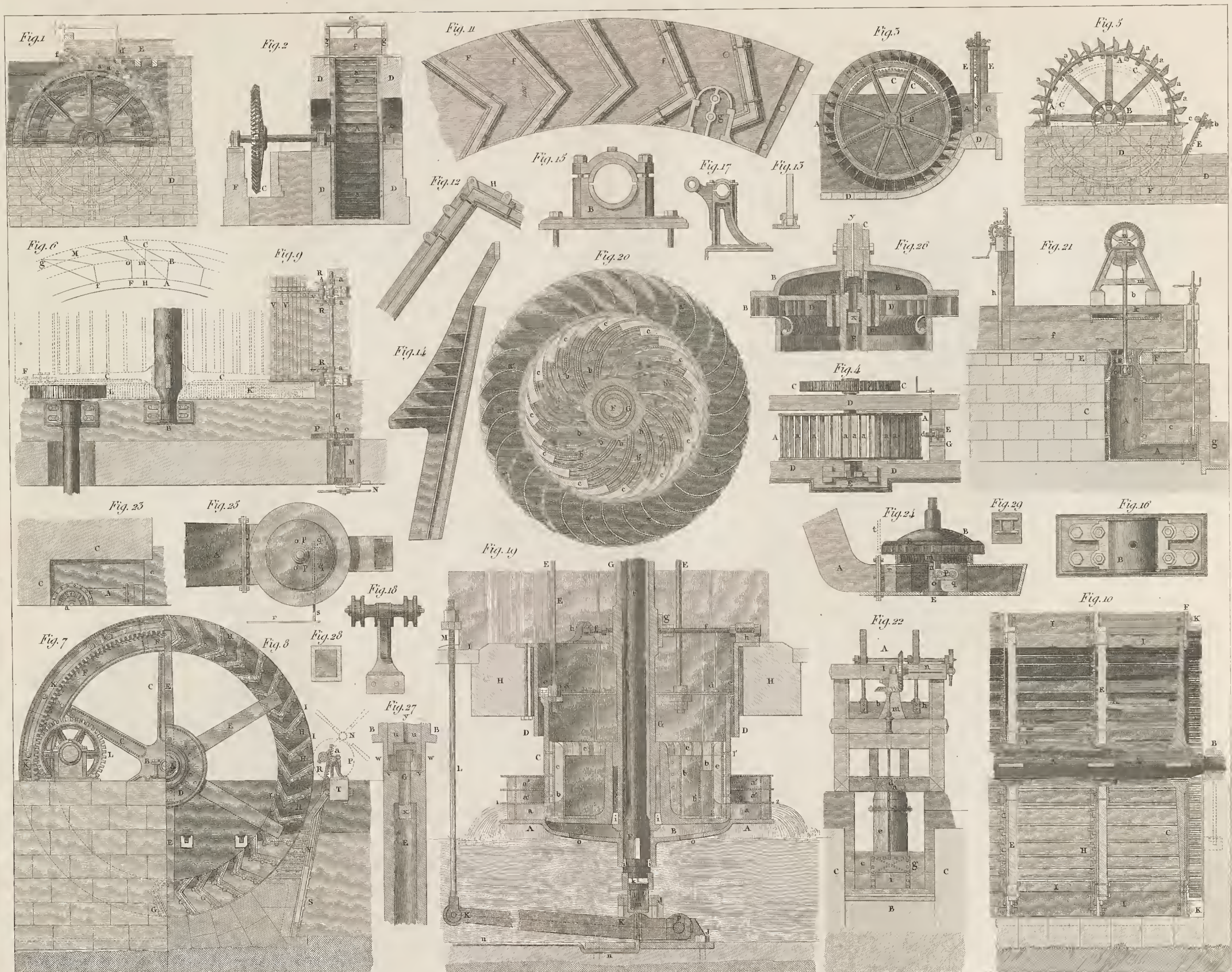


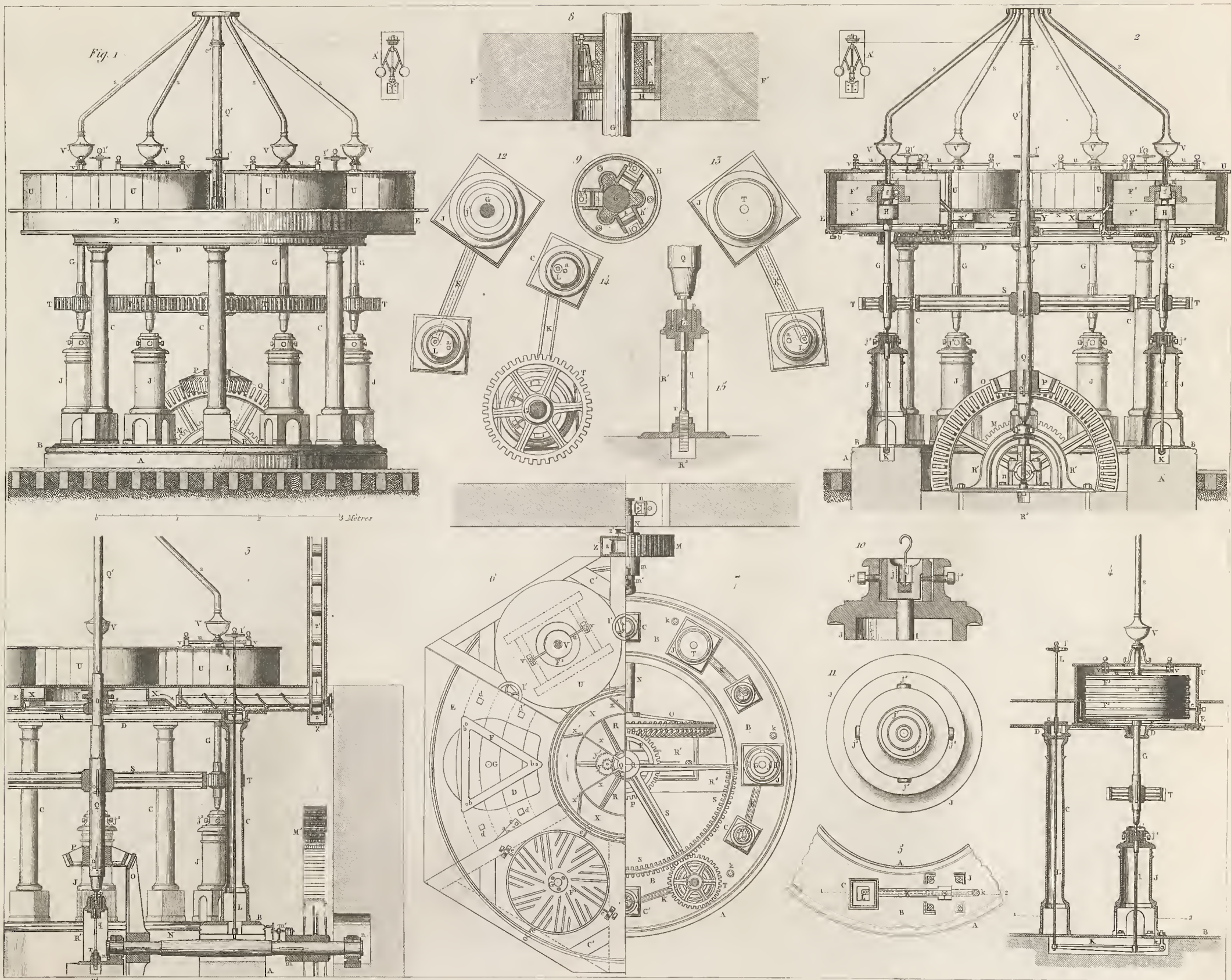


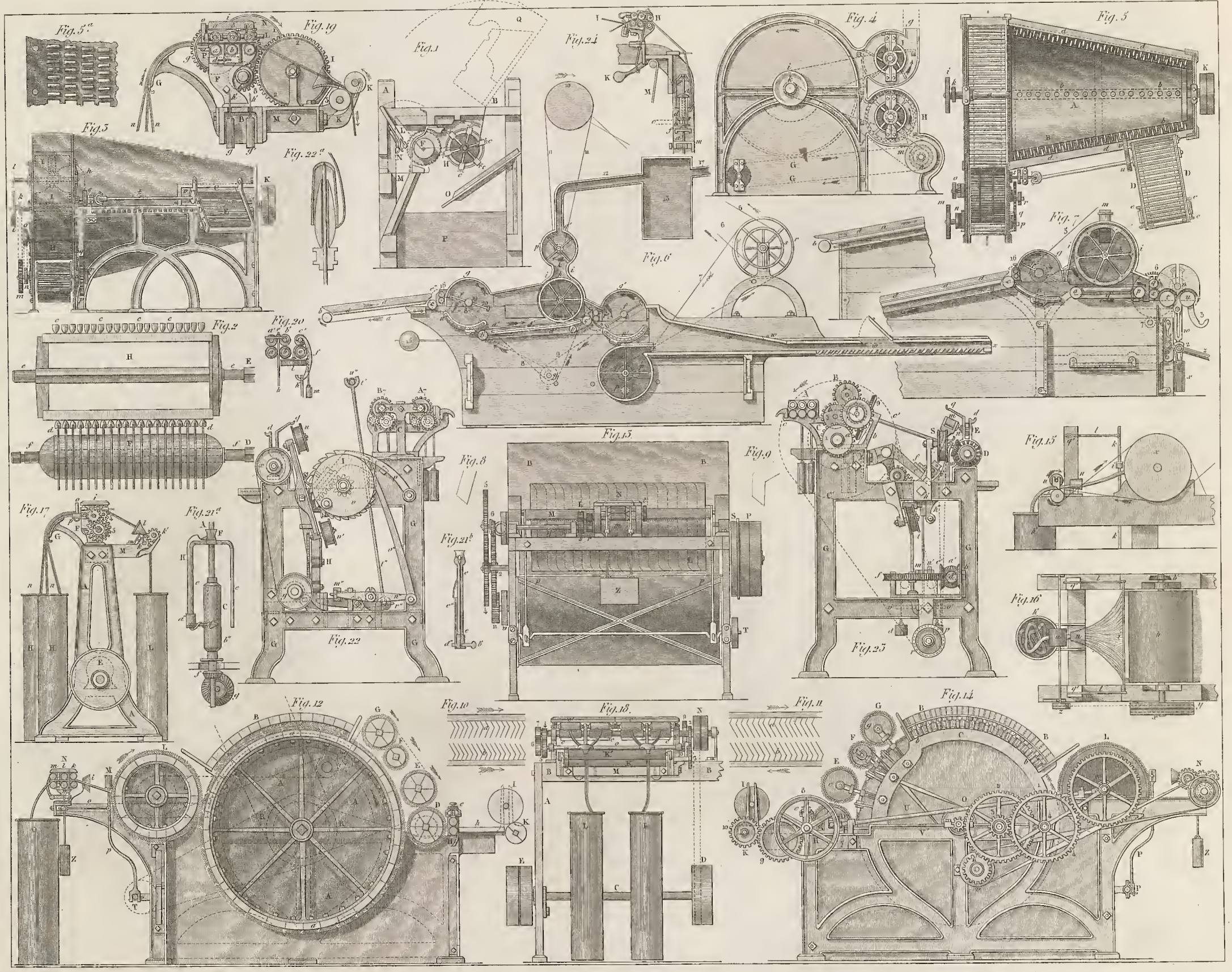




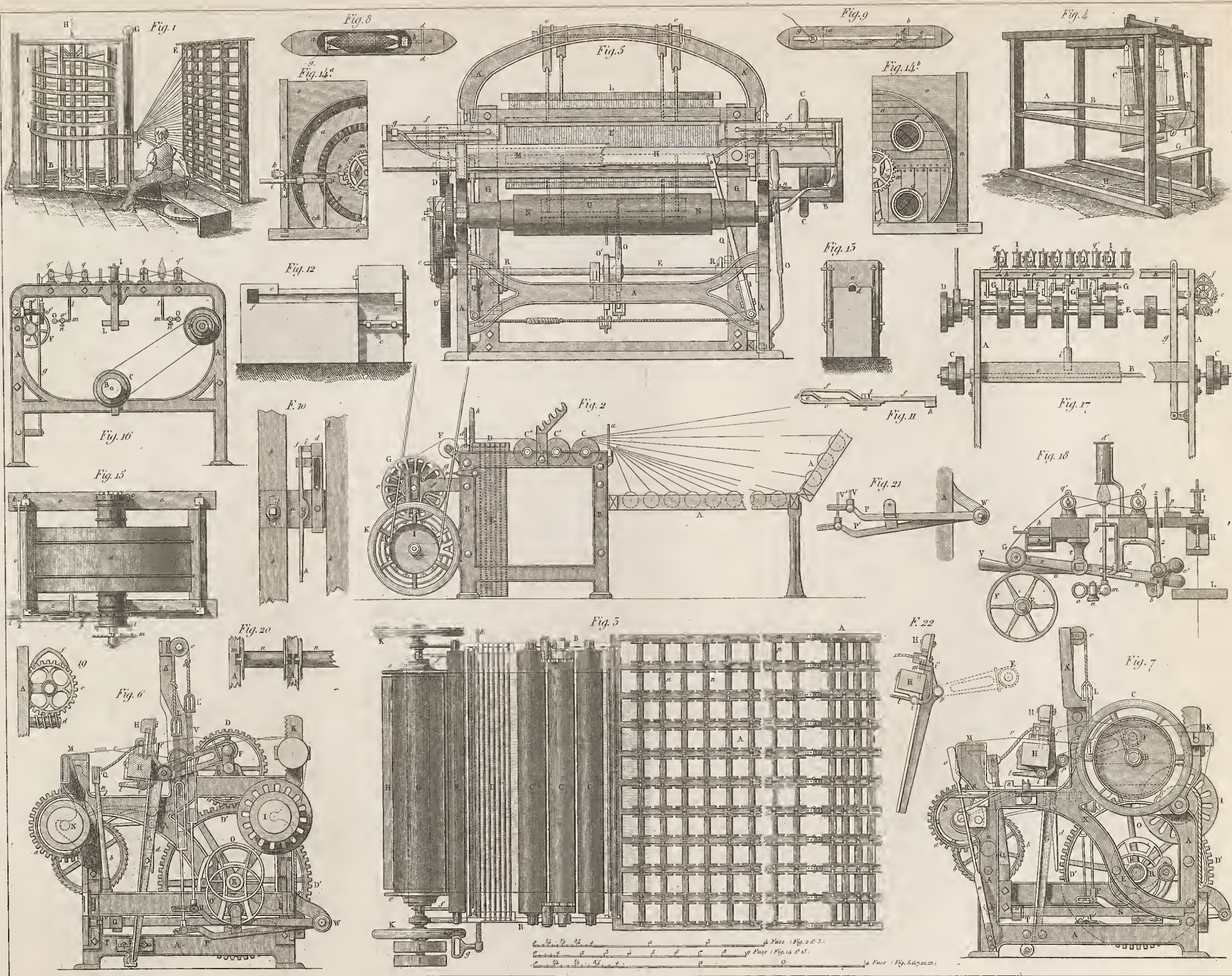


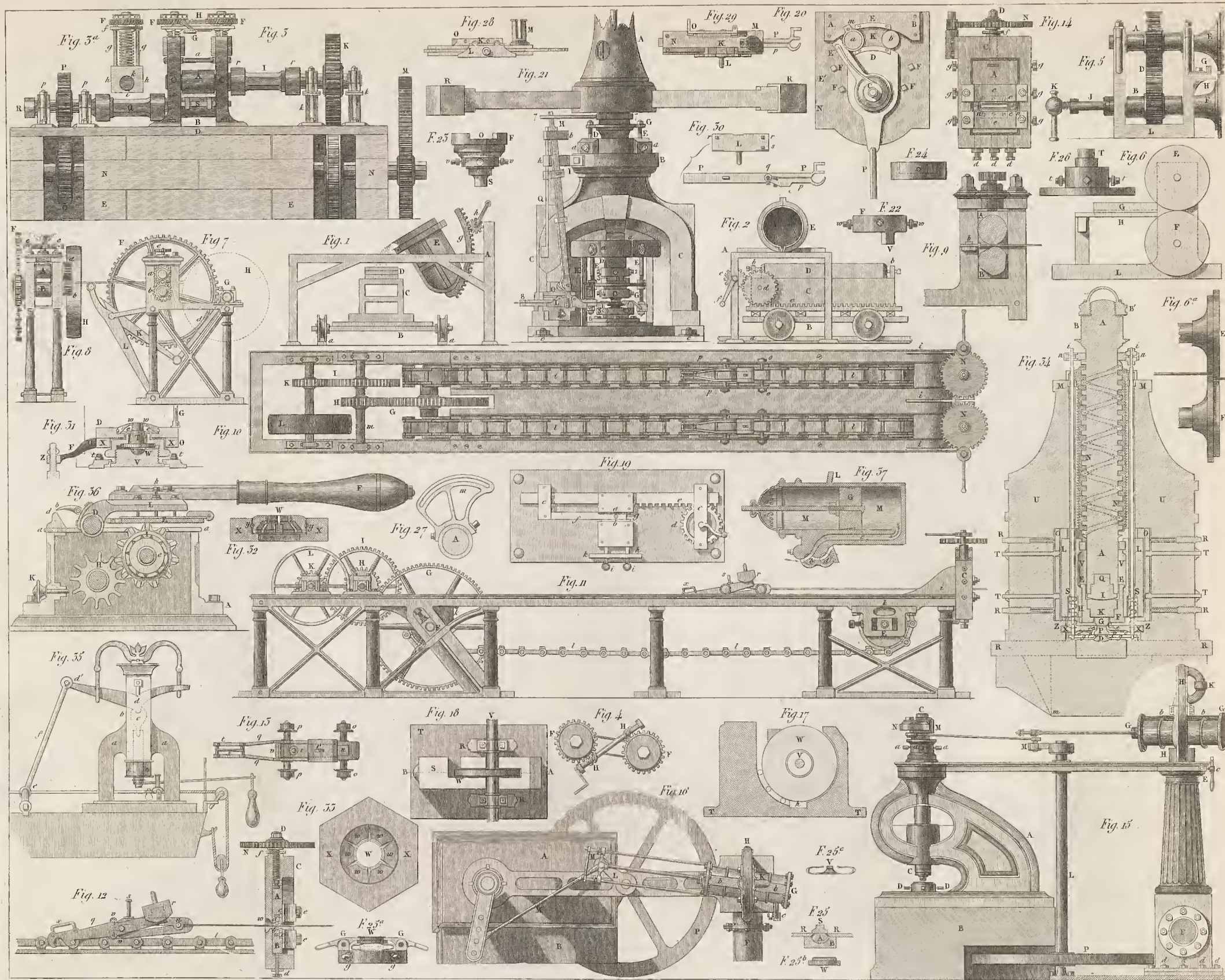


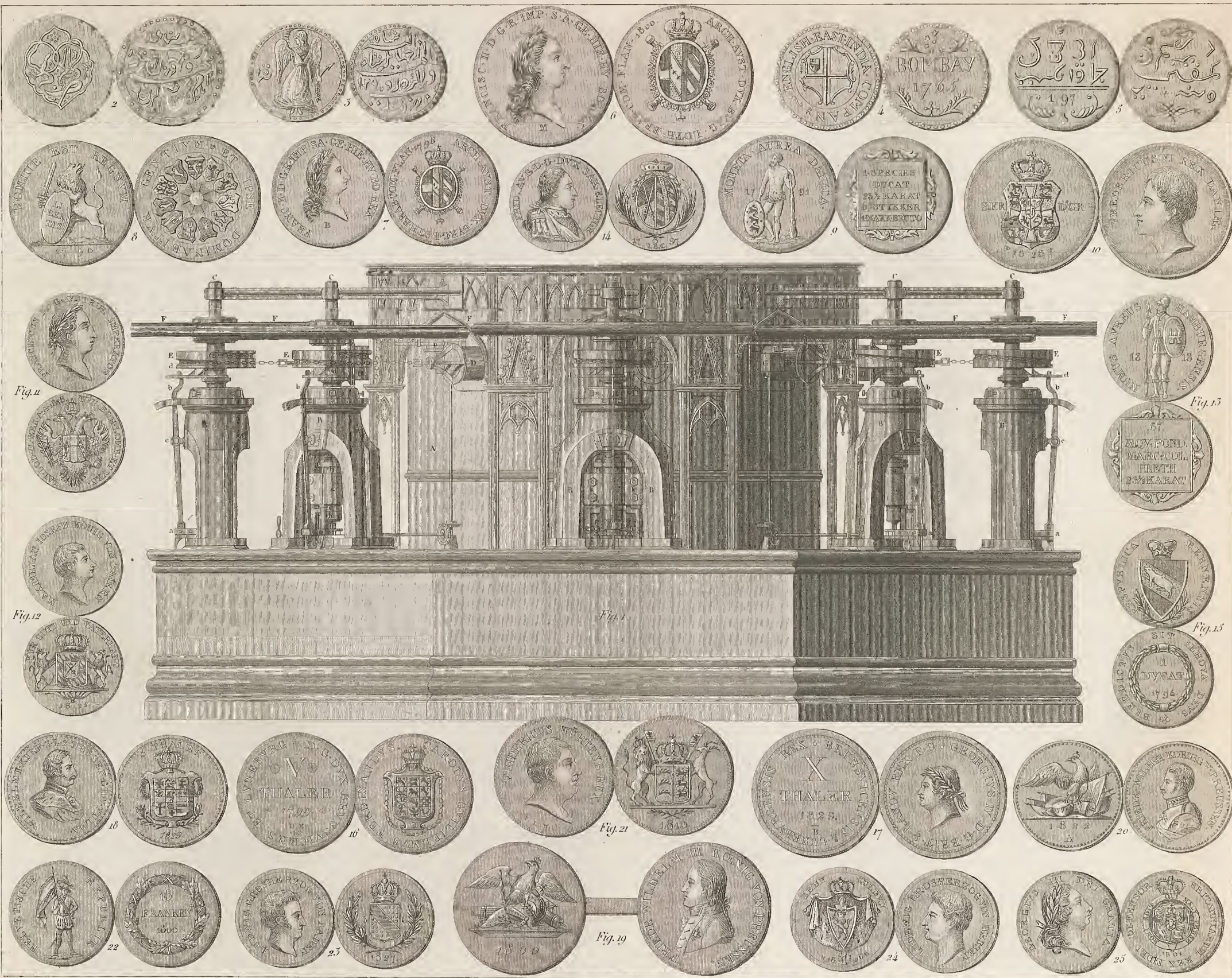




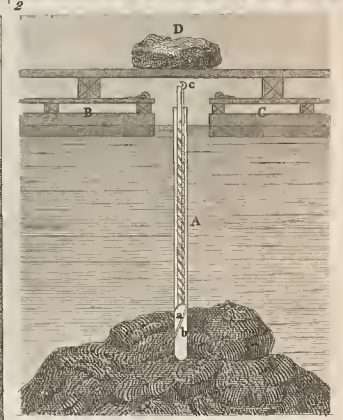
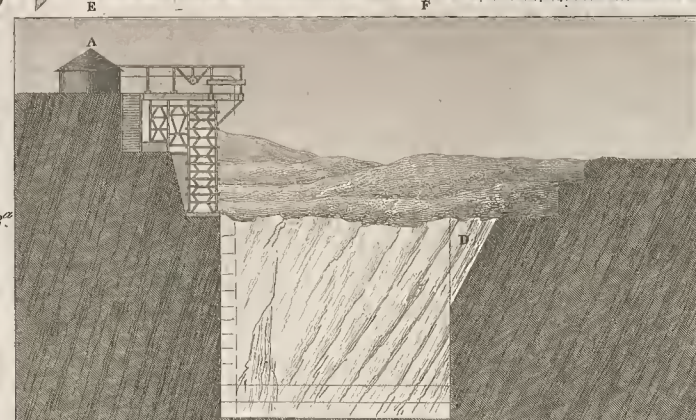
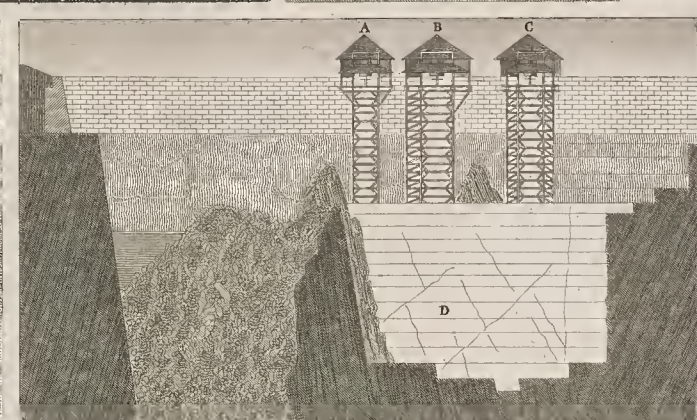
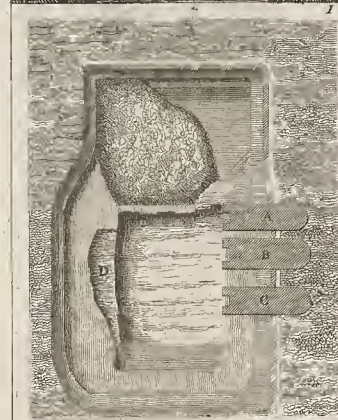
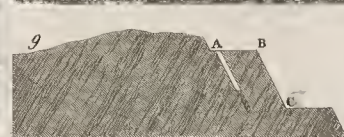
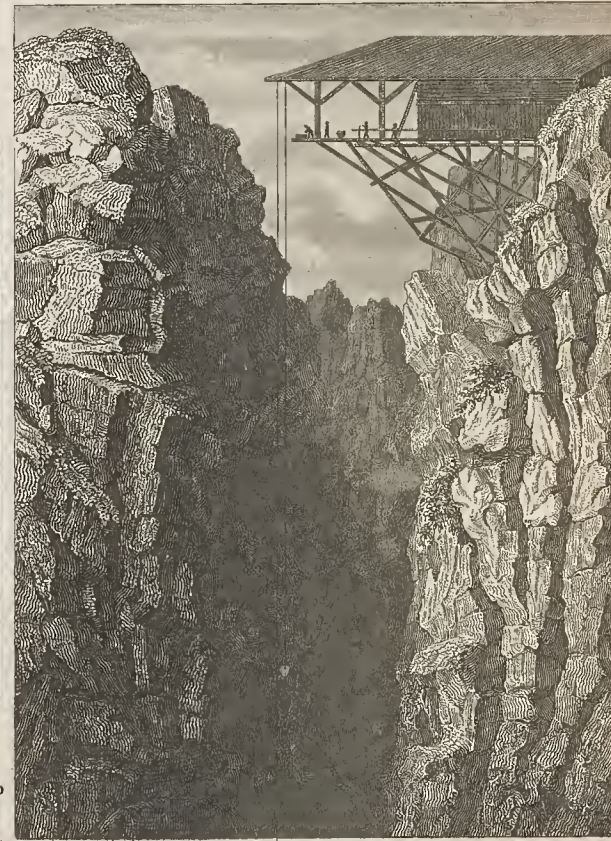
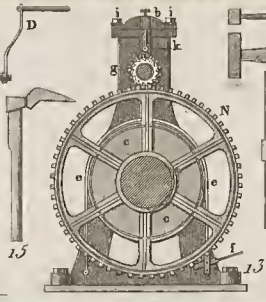
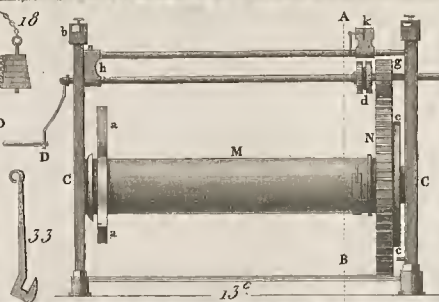
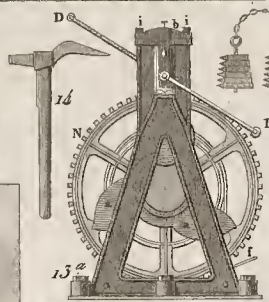
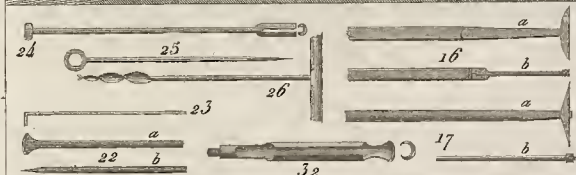
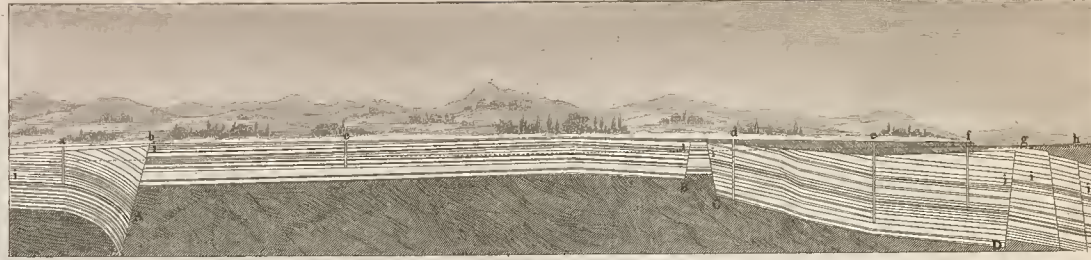










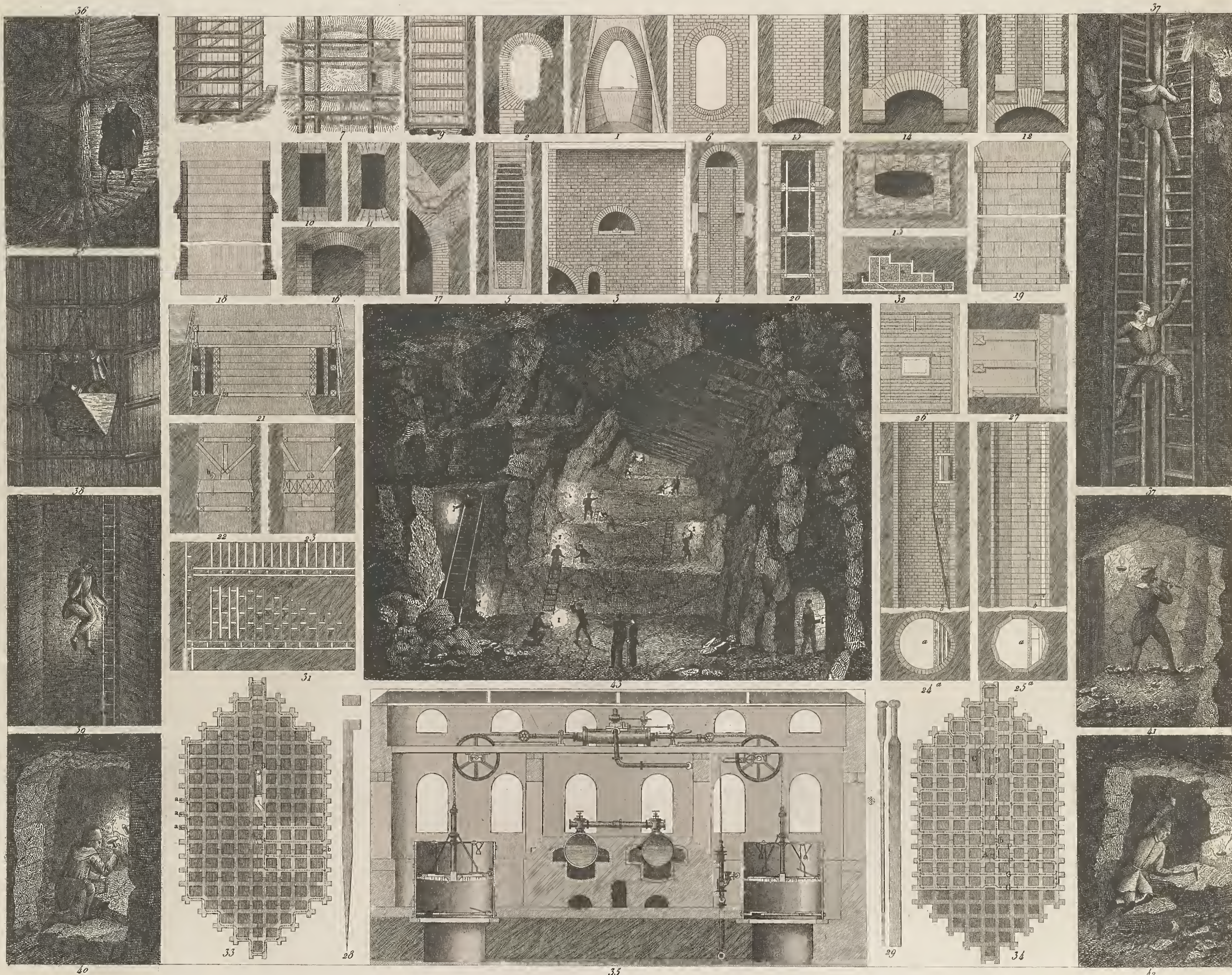


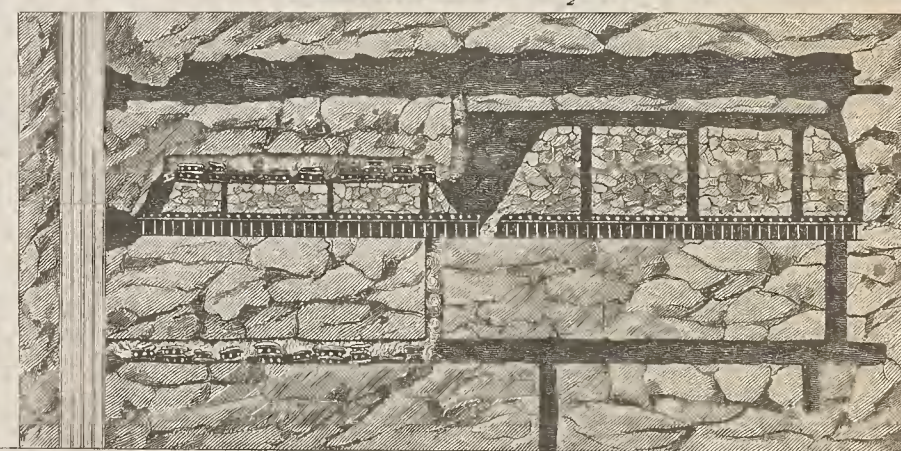
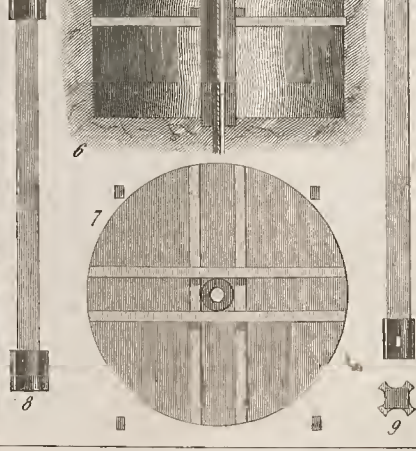
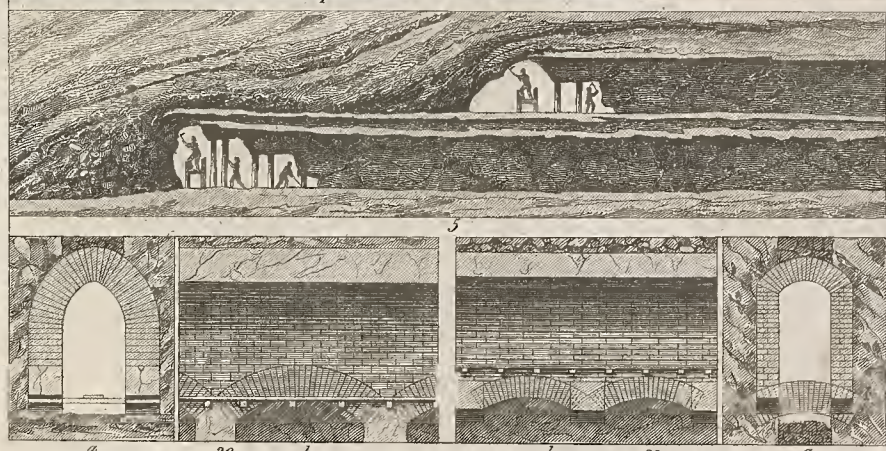
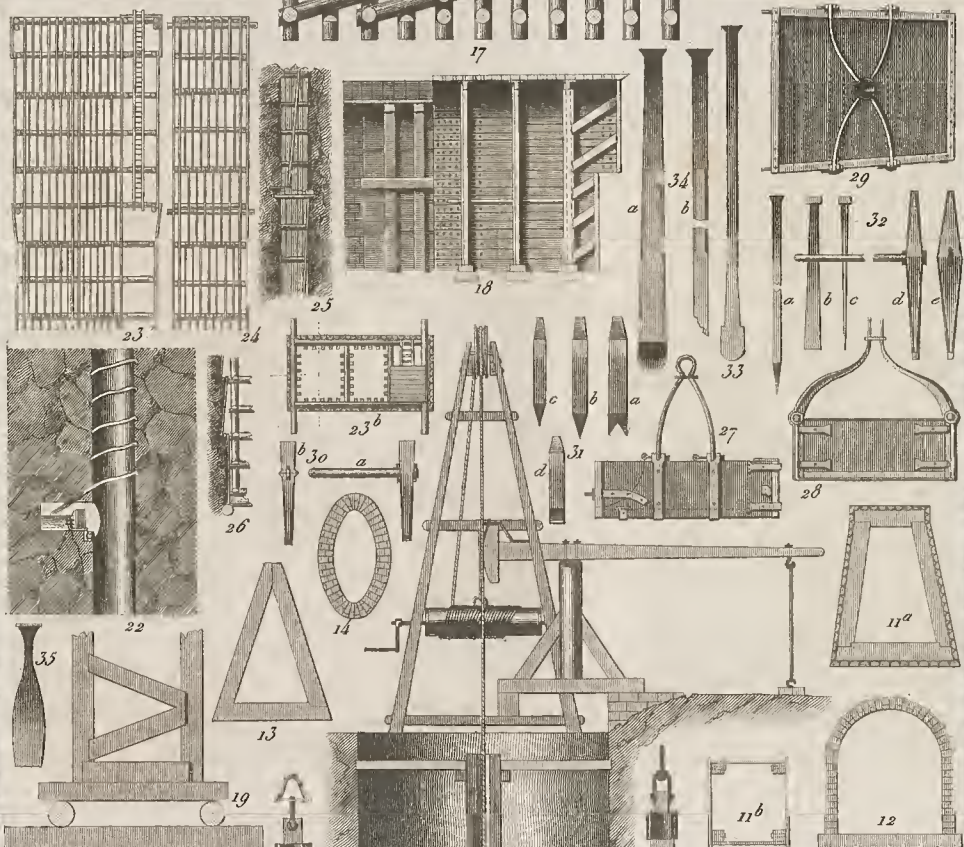
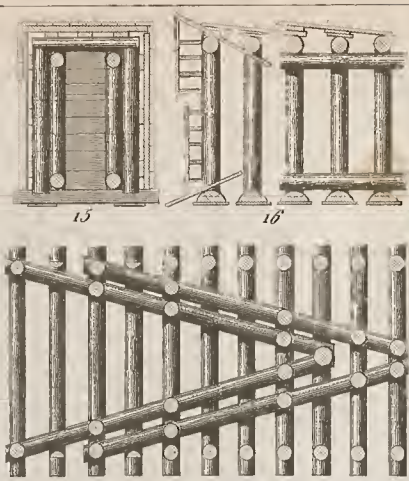
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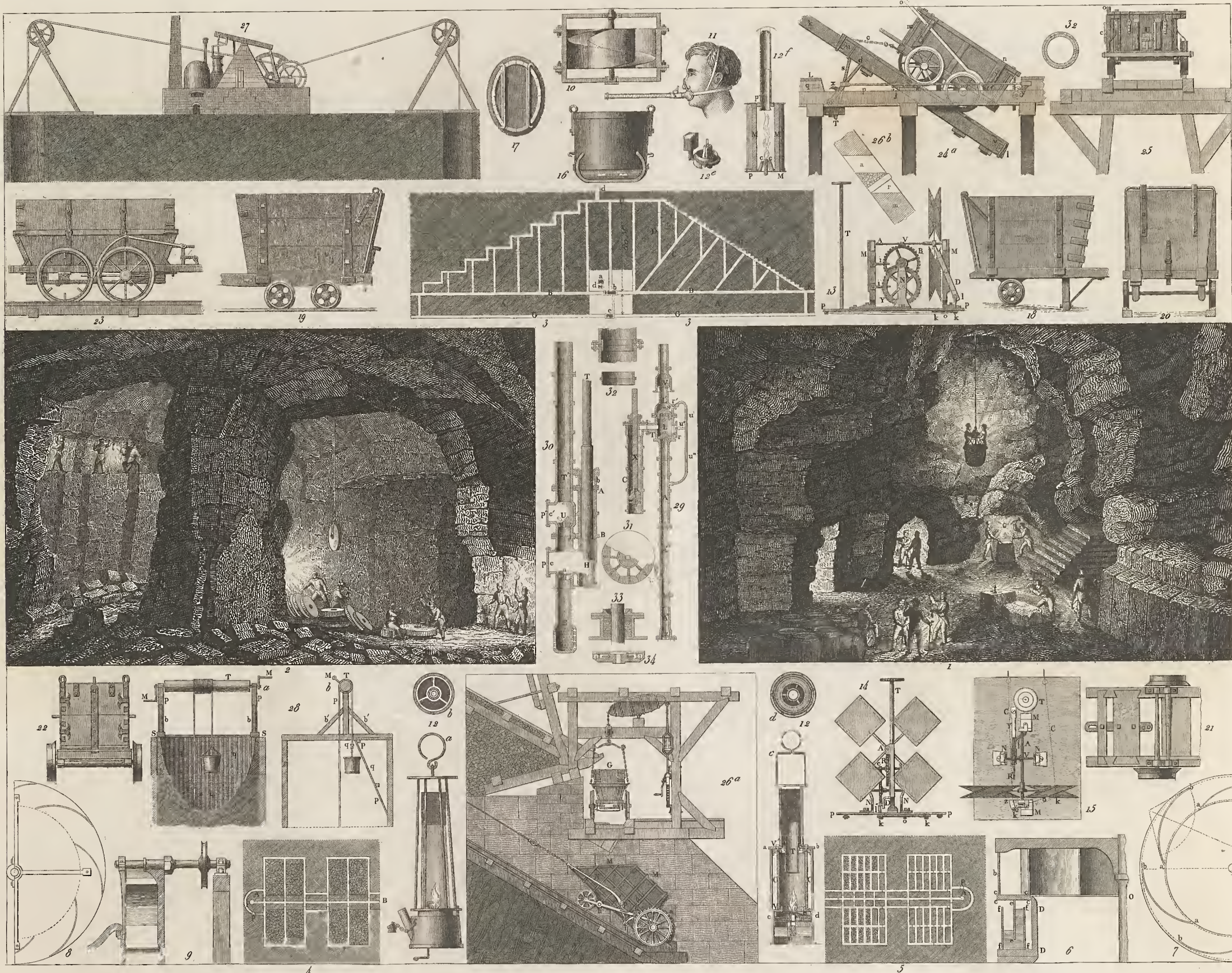
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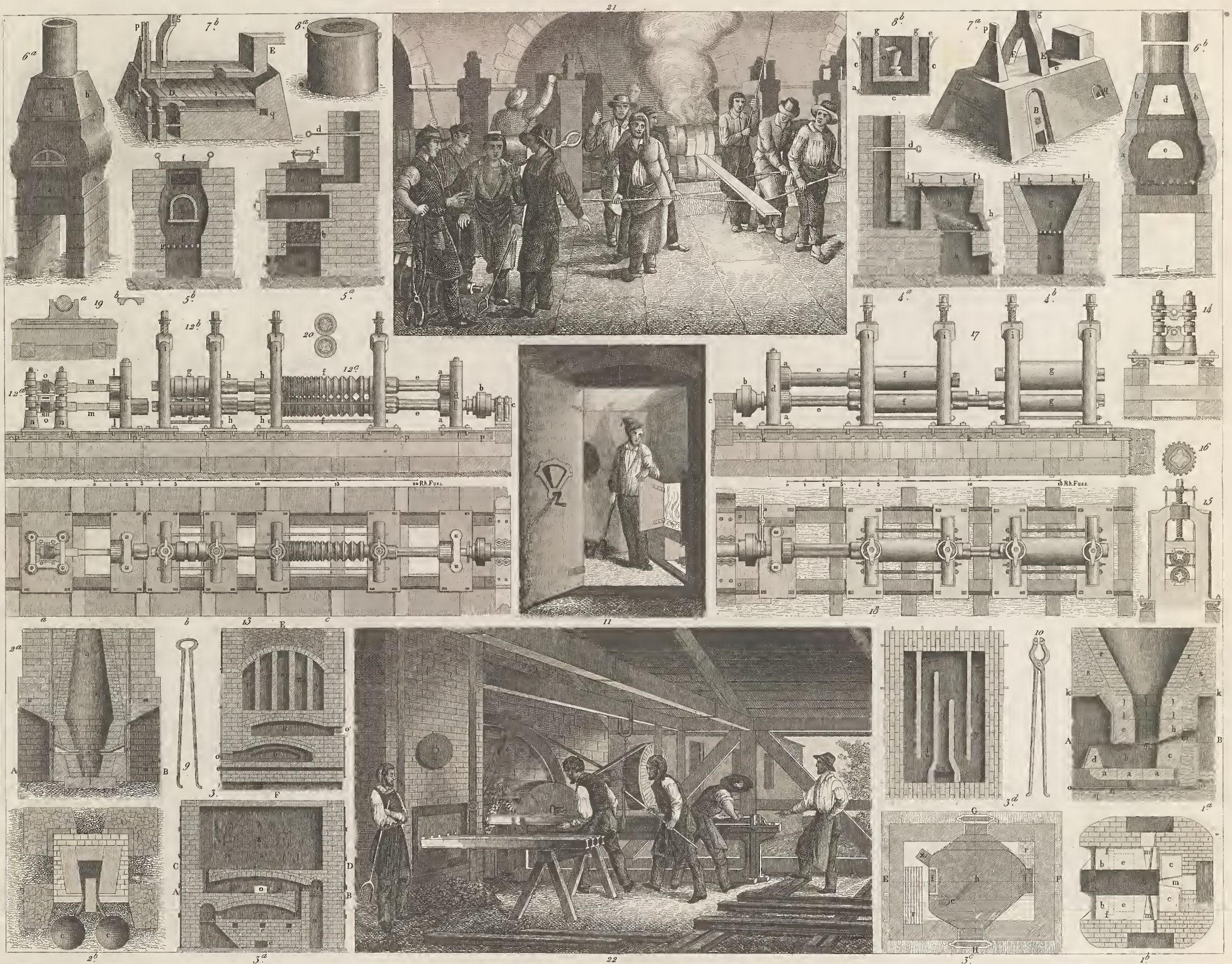
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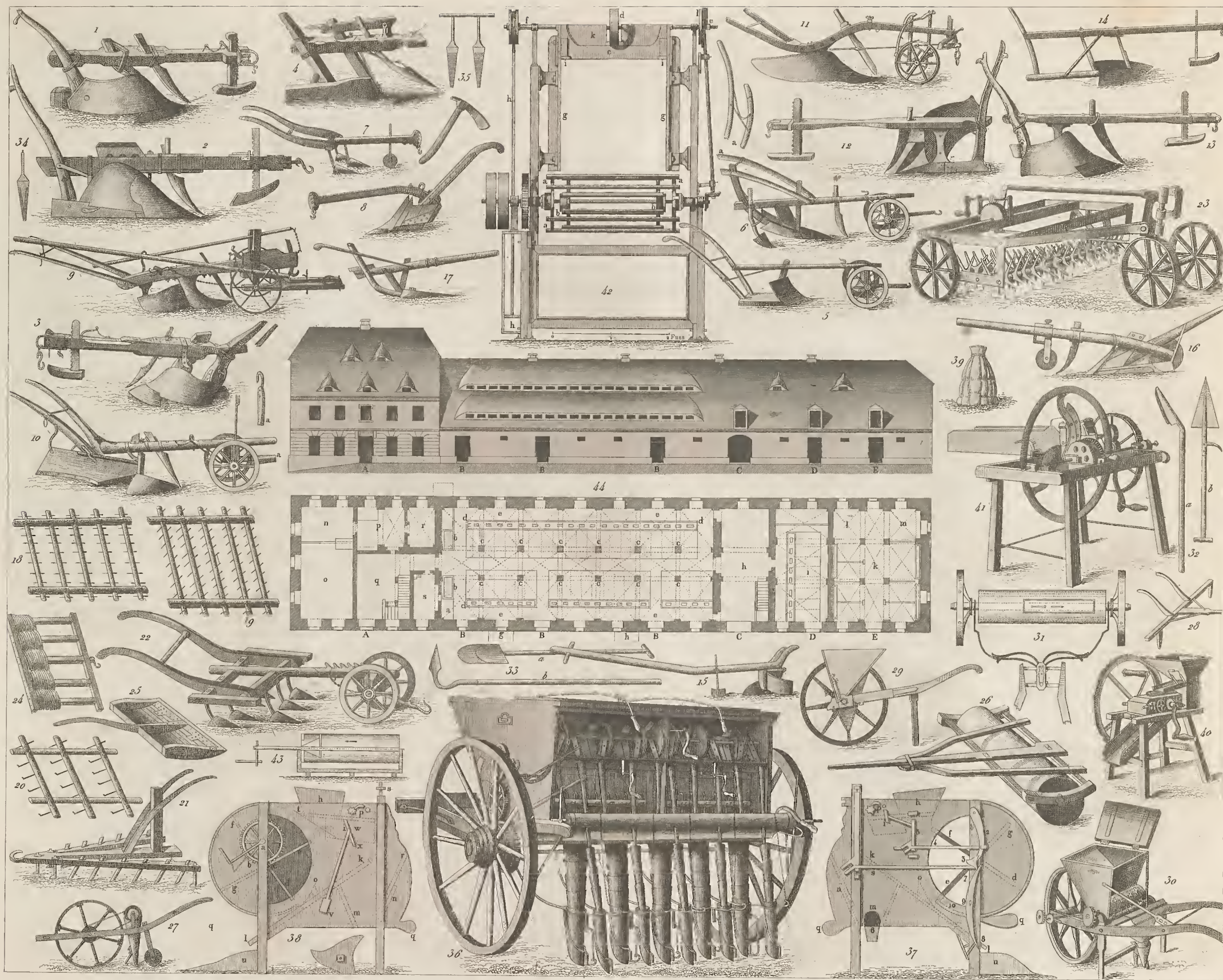


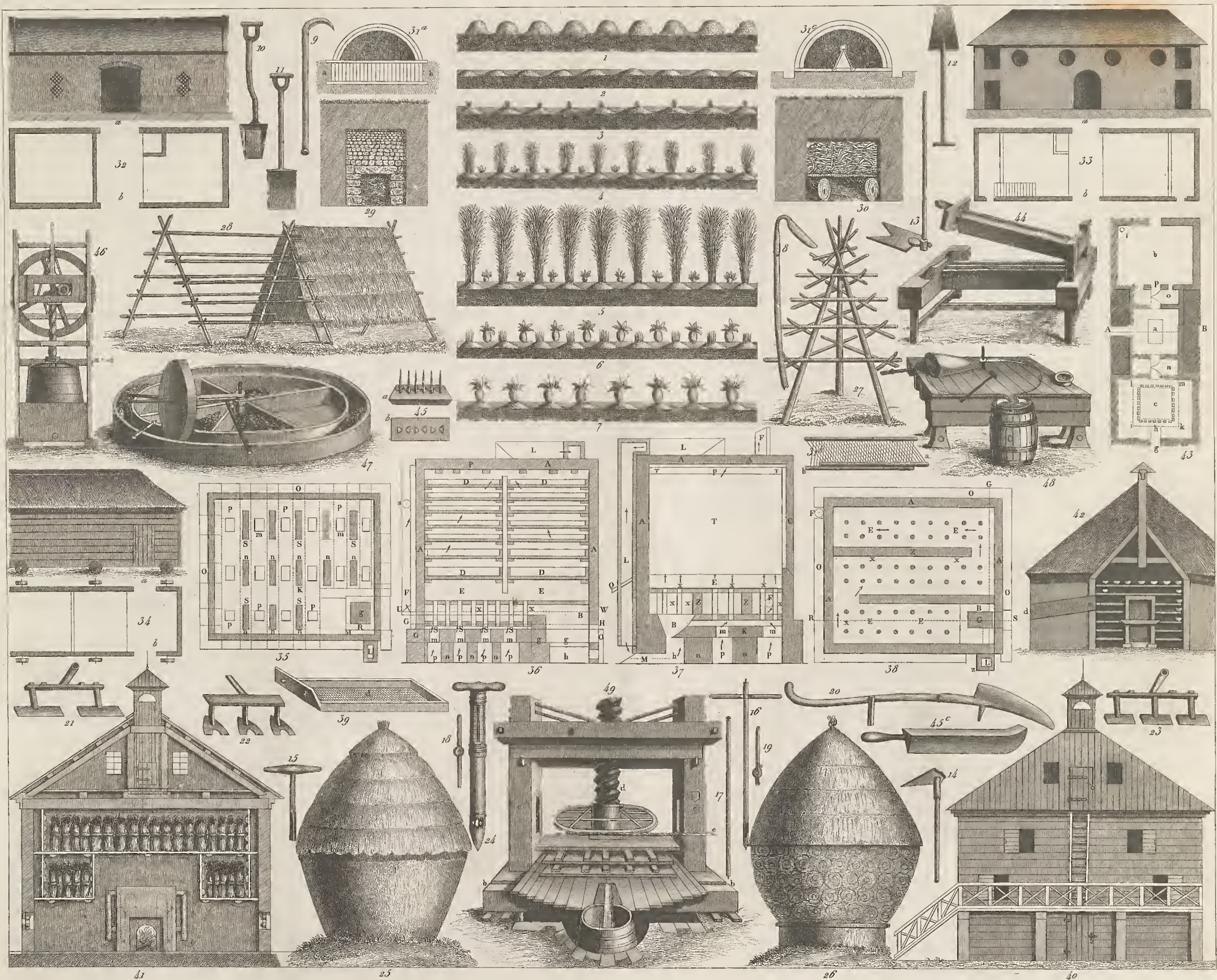


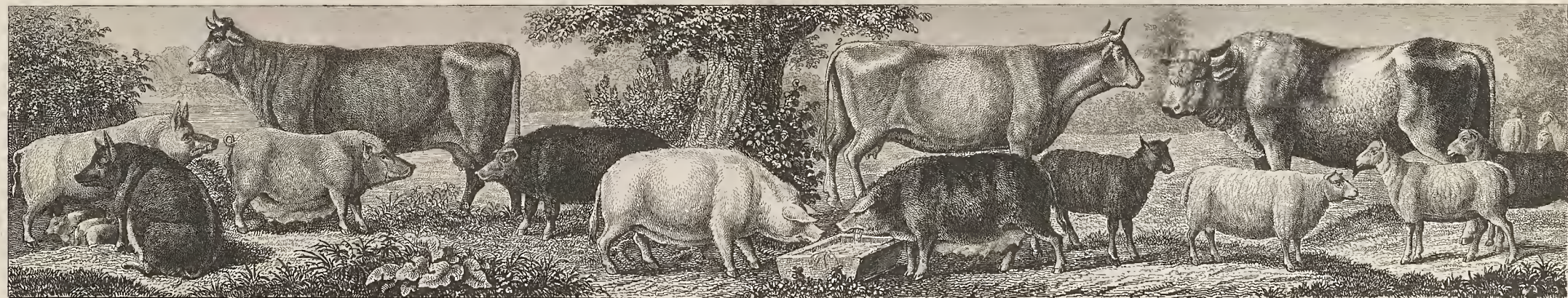
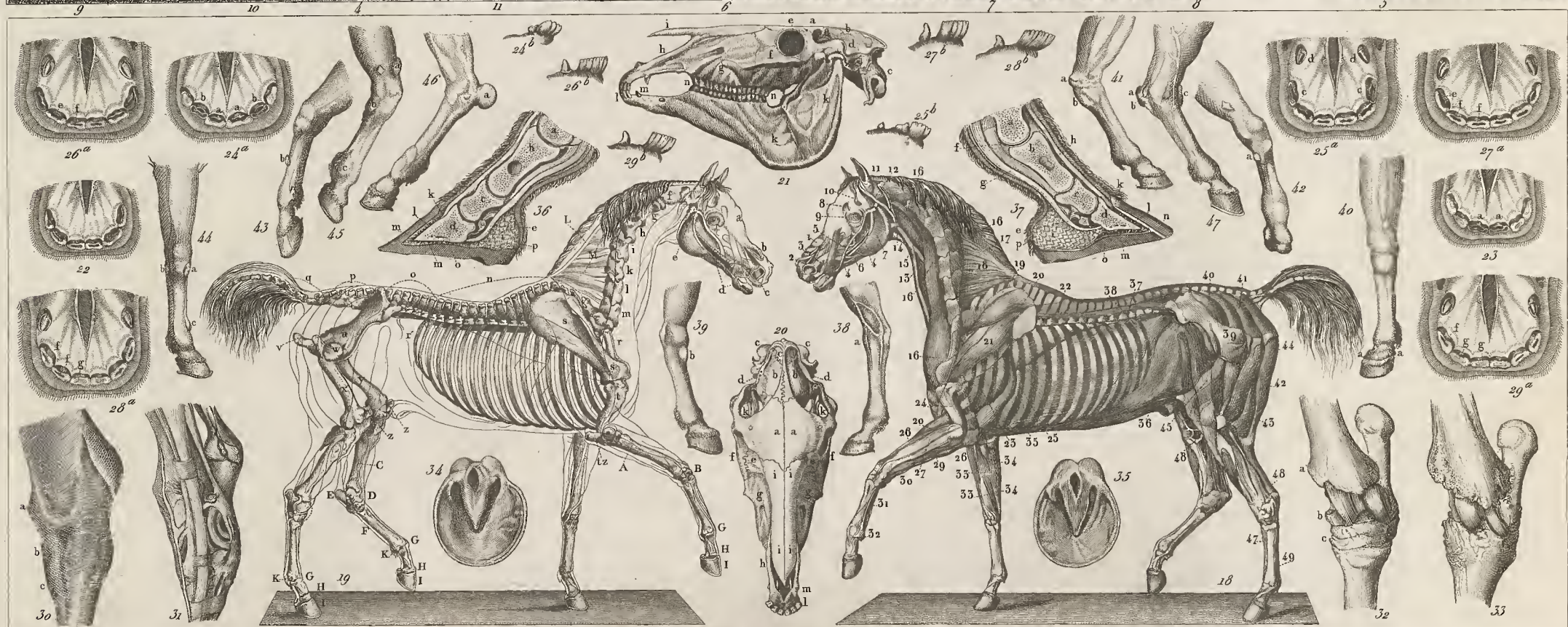


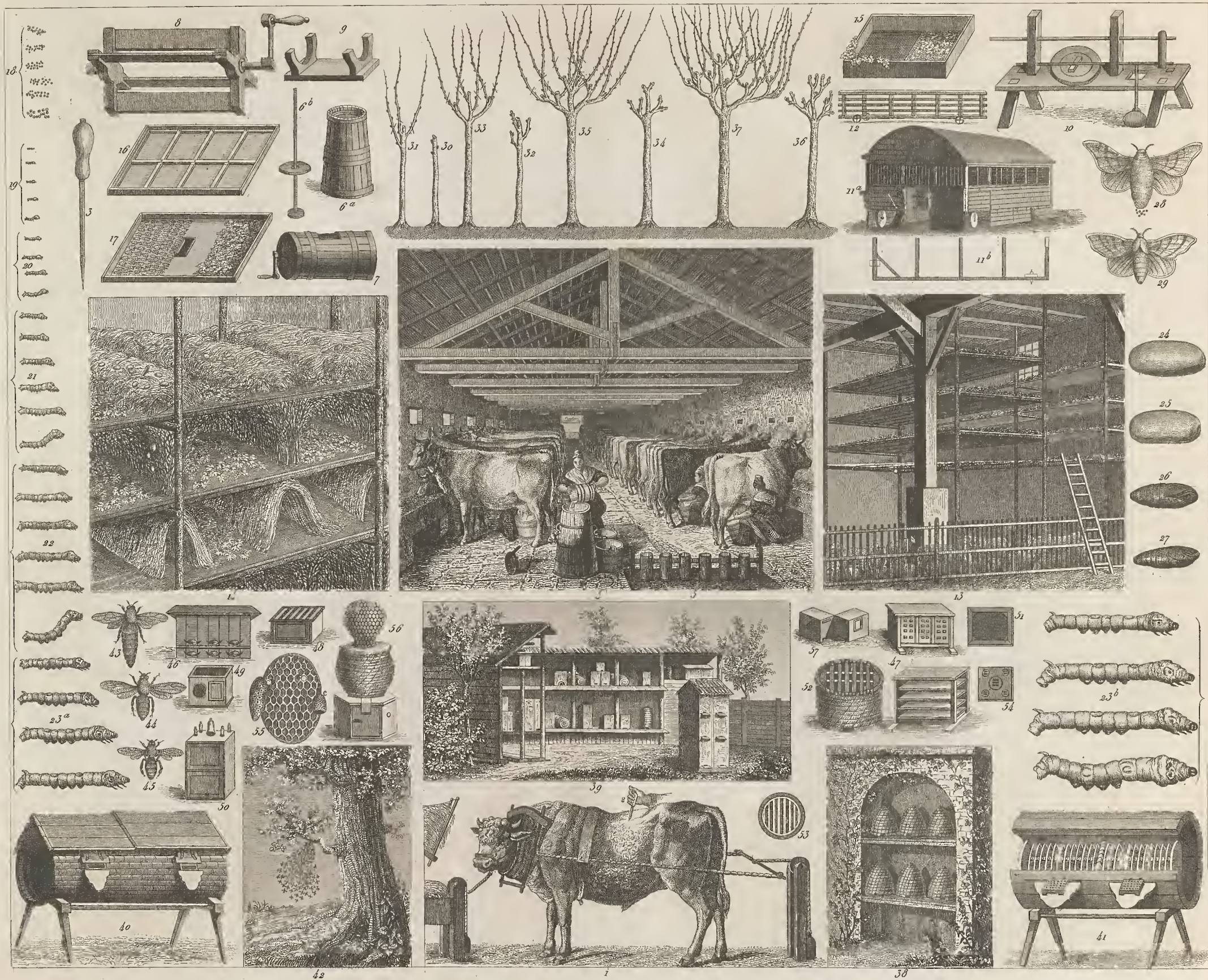




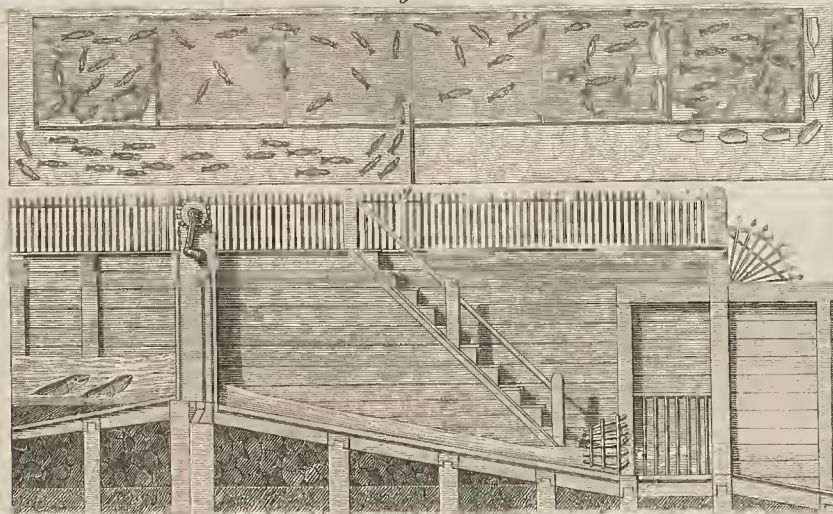
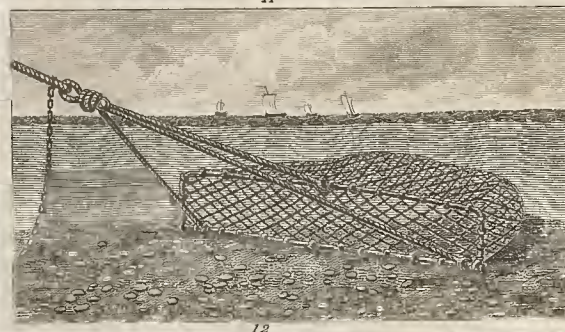
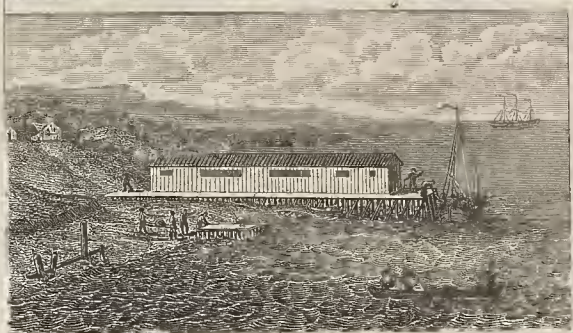
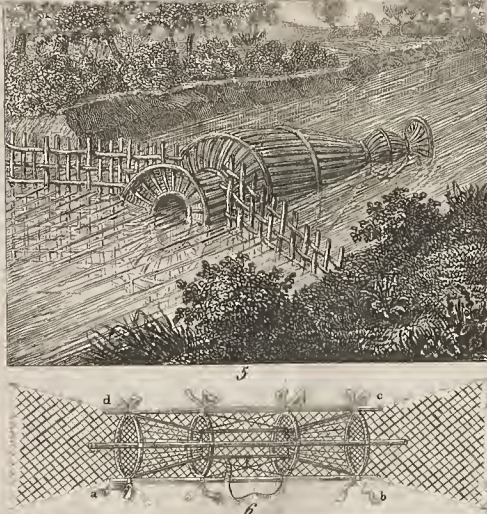


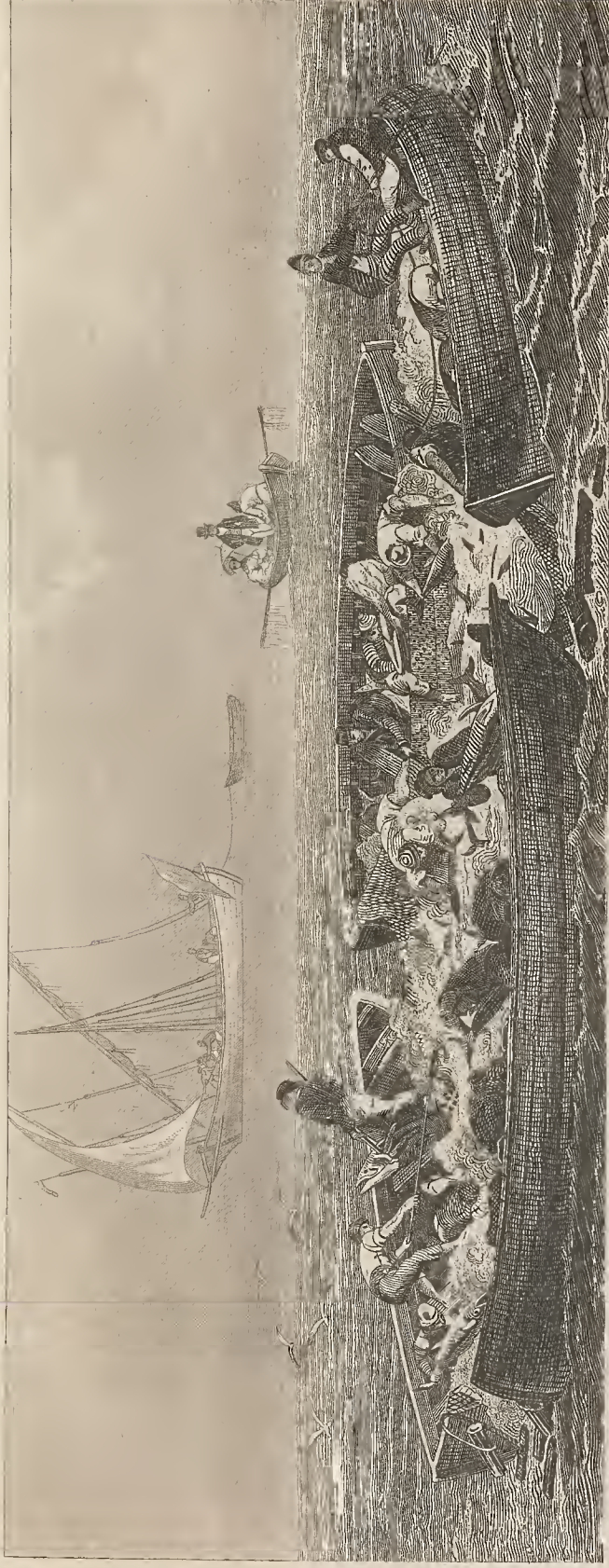






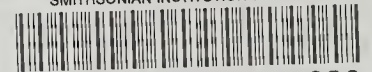






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